

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062785.D
 Acq On : 20 Jun 2019 10:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 06:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	945685	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.26	114	1336939	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.40	117	1094240	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.55	152	625376	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.49	65	556096	54.10	ug/l	0.03
Spiked Amount			Recovery	=	108.20%	
35) Dibromofluoromethane	6.96	113	555647	49.29	ug/l	0.03
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	10.45	98	1303095	53.11	ug/l	0.04
Spiked Amount			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	13.58	95	531280	47.62	ug/l	0.03
Spiked Amount			Recovery	=	95.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	615683	50.311	ug/l	99
3) Chloromethane	1.76	50	448194	48.699	ug/l	90
4) Vinyl Chloride	1.86	62	482850	52.914	ug/l	97
5) Bromomethane	2.16	94	242376	56.717	ug/l	98
6) Chloroethane	2.28	64	223903	54.197	ug/l	94
7) Trichlorofluoromethane	2.55	101	996796	53.976	ug/l	97
8) Diethyl Ether	2.89	74	129937	55.377	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.16	101	533447	53.319	ug/l	95
10) Methyl Iodide	3.32	142	689987	52.275	ug/l	99
11) Tert butyl alcohol	4.10	59	119593	255.446	ug/l #	91
12) 1,1-Dichloroethene	3.14	96	398759	53.131	ug/l	85
13) Acrolein	3.05	56	120235	251.563	ug/l	99
14) Allyl chloride	3.64	41	601215	54.213	ug/l	97
15) Acrylonitrile	4.22	53	283287	257.514	ug/l	93
16) Acetone	3.24	43	583507	280.777	ug/l	100
17) Carbon Disulfide	3.39	76	1264890	52.733	ug/l	95
18) Methyl Acetate	3.66	43	159246	51.318	ug/l	93
19) Methyl tert-butyl Ether	4.26	73	923289	56.826	ug/l	100
20) Methylene Chloride	3.84	84	366577	46.760	ug/l	88
21) trans-1,2-Dichloroethene	4.24	96	420681	52.641	ug/l	99
22) Diisopropyl ether	5.15	45	1213950	53.827	ug/l	94
23) Vinyl Acetate	5.09	43	3993663	282.991	ug/l	100
24) 1,1-Dichloroethane	5.01	63	782095	53.263	ug/l	99
25) 2-Butanone	6.11	43	571453	297.234	ug/l	94
26) 2,2-Dichloropropane	6.05	77	868937	55.830	ug/l	100
27) cis-1,2-Dichloroethene	6.07	96	450524	53.311	ug/l	90
28) Bromochloromethane	6.46	49	269668	52.144	ug/l	94
29) Tetrahydrofuran	6.49	42	239178	262.936	ug/l	97
30) Chloroform	6.70	83	917559	51.382	ug/l	97
31) Cyclohexane	6.99	56	501493	51.952	ug/l	100
32) 1,1,1-Trichloroethane	6.90	97	978628	52.614	ug/l	94
36) 1,1-Dichloropropene	7.18	75	653109	51.605	ug/l	96
37) Ethyl Acetate	6.21	43	264881	49.819	ug/l #	98
38) Carbon Tetrachloride	7.14	117	977922m	51.377	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062785.D
 Acq On : 20 Jun 2019 10:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 06:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.90	83	528834	47.470	ug/l	97
40) Benzene	7.49	78	1238539	48.753	ug/l	98
41) Methacrylonitrile	6.47	41	345388	51.749	ug/l	97
42) 1,2-Dichloroethane	7.62	62	705901	50.935	ug/l	100
43) Isopropyl Acetate	9.28	43	355817	53.626	ug/l	98
44) Trichloroethene	8.57	130	489952	49.194	ug/l	97
45) 1,2-Dichloropropane	8.98	63	294955	46.692	ug/l	98
46) Dibromomethane	9.10	93	271528	50.038	ug/l	89
47) Bromodichloromethane	9.41	83	753556	53.471	ug/l	98
48) Methyl methacrylate	9.15	41	240662	51.040	ug/l	94
49) 1,4-Dioxane	9.11	88	40791	1039.839	ug/l	94
51) 4-Methyl-2-Pentanone	10.33	43	1246581	264.990	ug/l	98
52) Toluene	10.55	92	847218	49.612	ug/l	99
53) t-1,3-Dichloropropene	10.95	75	622533	53.970	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	614621	49.023	ug/l	94
55) 1,1,2-Trichloroethane	11.23	97	295601	50.384	ug/l	95
56) Ethyl methacrylate	11.08	69	328622	52.412	ug/l	94
57) 1,3-Dichloropropane	11.45	76	466845	51.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.89	63	832615	258.663	ug/l	97
59) 2-Hexanone	11.56	43	931635	278.073	ug/l	96
60) Dibromochloromethane	11.72	129	546393	49.999	ug/l	99
61) 1,2-Dibromoethane	11.84	107	358968	51.805	ug/l	96
64) Tetrachloroethene	11.30	164	461325	51.225	ug/l	96
65) Chlorobenzene	12.43	112	993255	48.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.55	131	498721	52.513	ug/l	92
67) Ethyl Benzene	12.56	91	1875922	51.451	ug/l	100
68) m/p-Xylenes	12.70	106	1342530	105.720	ug/l	97
69) o-Xylene	13.08	106	647042	55.738	ug/l	98
70) Styrene	13.10	104	1102323	54.061	ug/l	95
71) Bromoform	13.27	173	367713	56.511	ug/l	95
73) Isopropylbenzene	13.43	105	1852693	46.204	ug/l	99
74) N-amyl acetate	13.30	43	509331	52.305	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.73	83	322661	49.387	ug/l	97
76) 1,2,3-Trichloropropane	13.76	75	365829	50.672	ug/l	98
77) Bromobenzene	13.70	156	524716	48.652	ug/l	99
78) n-propylbenzene	13.81	91	2208800	47.328	ug/l	100
79) 2-Chlorotoluene	13.87	91	1255188	47.062	ug/l	99
80) 1,3,5-Trimethylbenzene	13.97	105	1727747	51.298	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.50	75	98731	52.180	ug/l	92
82) 4-Chlorotoluene	13.98	91	1628647	50.721	ug/l	98
83) tert-Butylbenzene	14.22	119	1914155	50.987	ug/l	98
84) 1,2,4-Trimethylbenzene	14.27	105	1600752	46.370	ug/l	99
85) sec-Butylbenzene	14.40	105	2000999	49.040	ug/l	99
86) p-Isopropyltoluene	14.52	119	1917580	51.370	ug/l	99
87) 1,3-Dichlorobenzene	14.49	146	958588	49.582	ug/l	98
88) 1,4-Dichlorobenzene	14.57	146	981475	50.544	ug/l	99
89) n-Butylbenzene	14.82	91	1778744	50.911	ug/l	99
90) Hexachloroethane	15.04	117	513279	51.141	ug/l	97
91) 1,2-Dichlorobenzene	14.84	146	851982	51.507	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.40	75	67165	52.671	ug/l	96

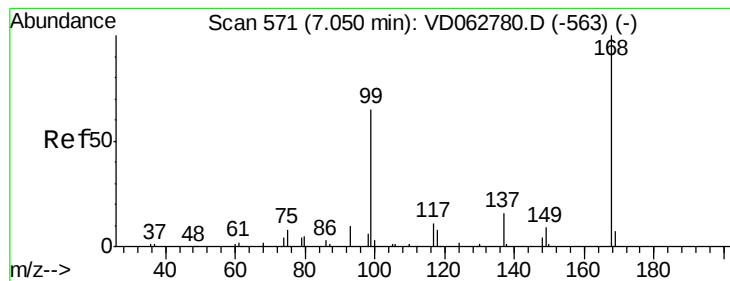
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062785.D
 Acq On : 20 Jun 2019 10:59
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 06:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.97	180	596981	46.201	ug/l	97
94) Hexachlorobutadiene	16.06	225	486014	49.235	ug/l	99
95) Naphthalene	16.15	128	895509	49.447	ug/l	99
96) 1,2,3-Trichlorobenzene	16.30	180	515588	51.933	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.09 min Scan# 575

Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

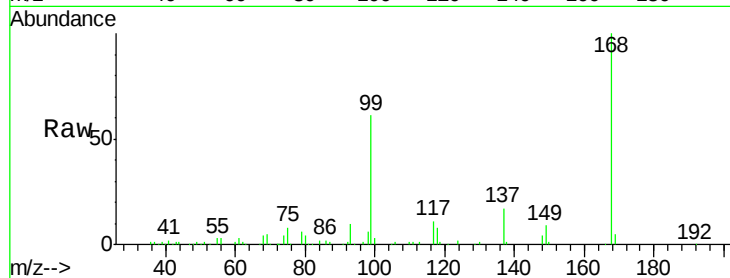
VSTDCCC050

Tot Ion:168 Resp: 945685

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.09

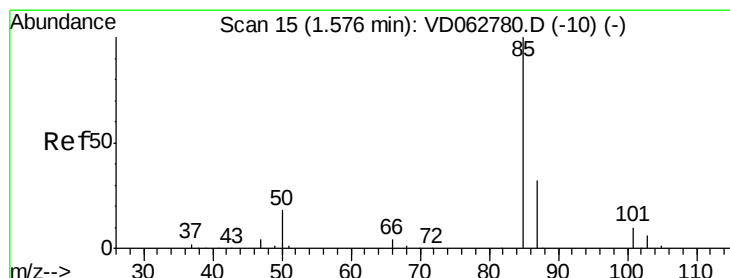
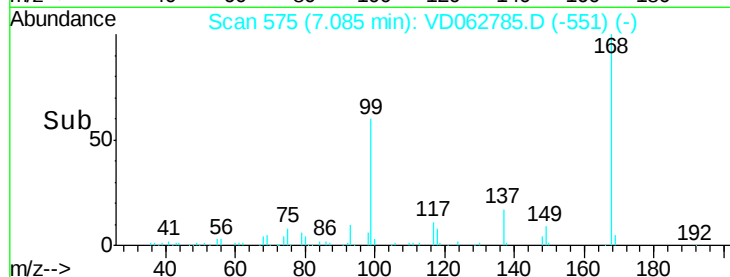
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.311 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD062785.D

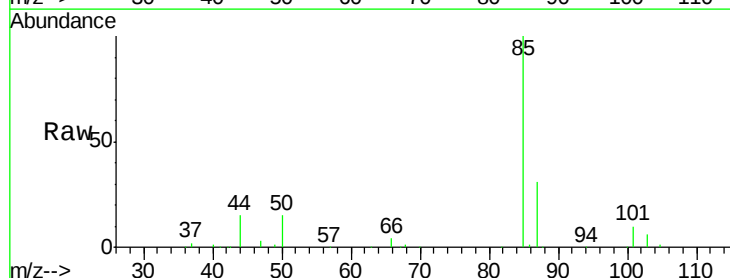
Acq: 20 Jun 2019 10:59

Tgt Ion: 85 Resp: 615683

Ion Ratio Lower Upper

85 100

87 30.9 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

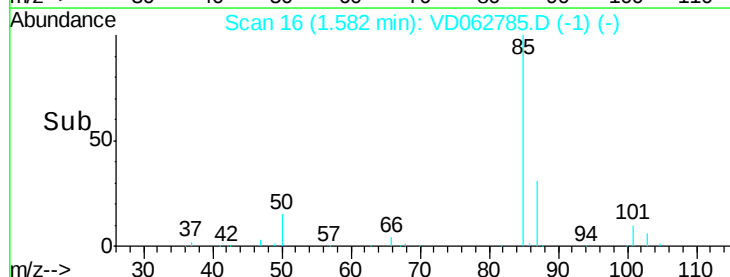
300000

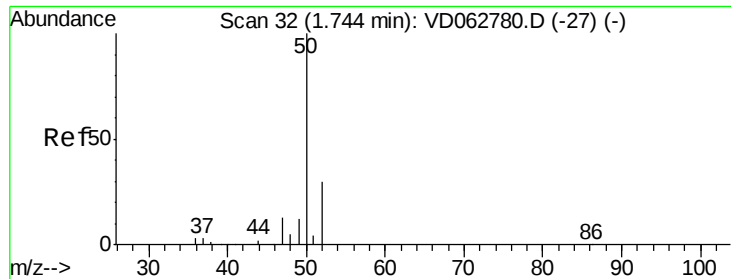
200000

100000

0

Time-->





#3

Chloromethane

Concen: 48.699 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

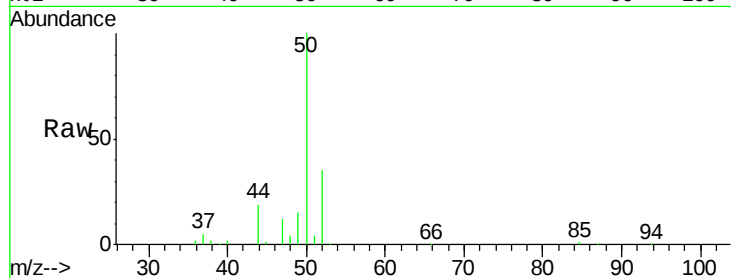
VSTDCCC050

Tot Ion: 50 Resp: 448194

Ion Ratio Lower Upper

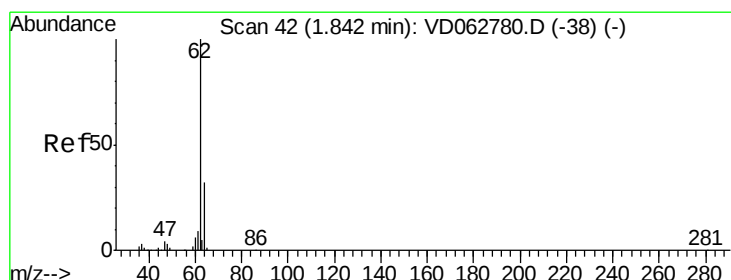
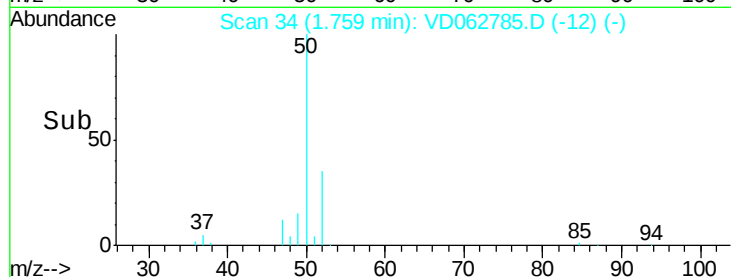
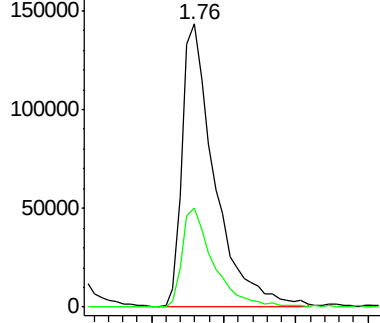
50 100

52 35.0 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.914 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.02 min

Lab File: VD062785.D

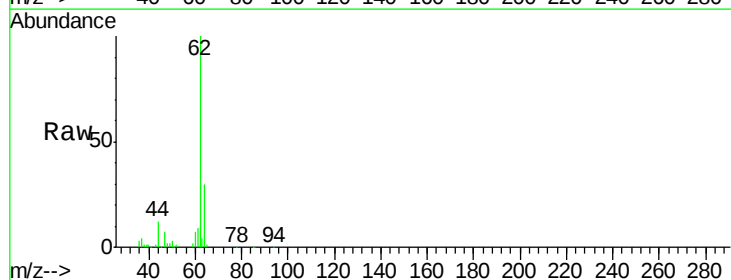
Acq: 20 Jun 2019 10:59

Tgt Ion: 62 Resp: 482850

Ion Ratio Lower Upper

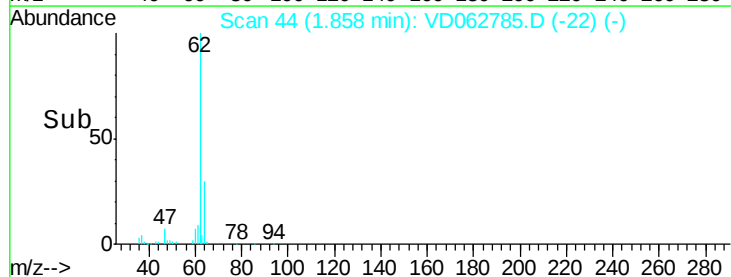
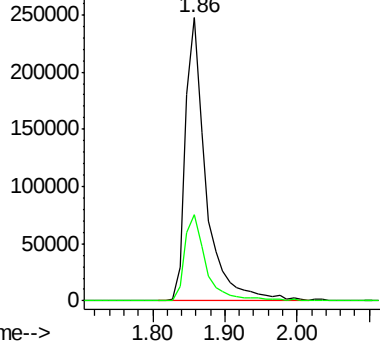
62 100

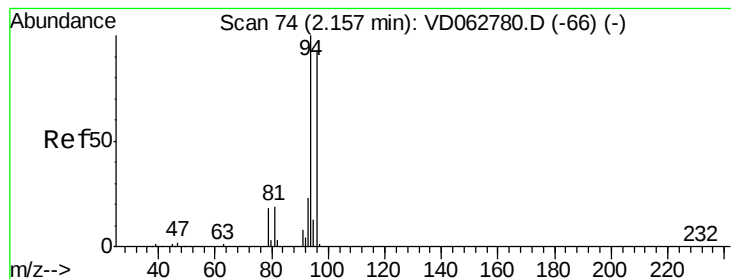
64 30.3 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 56.717 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

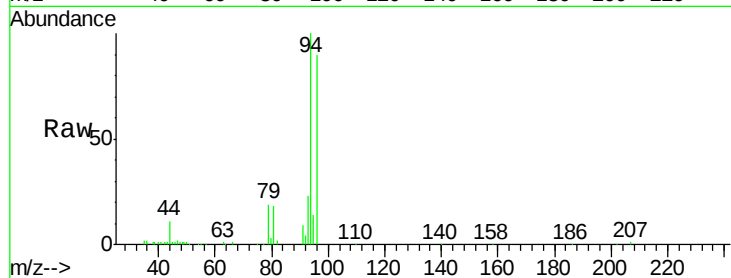
Tot Ion: 94 Resp: 242376

Ion Ratio Lower Upper

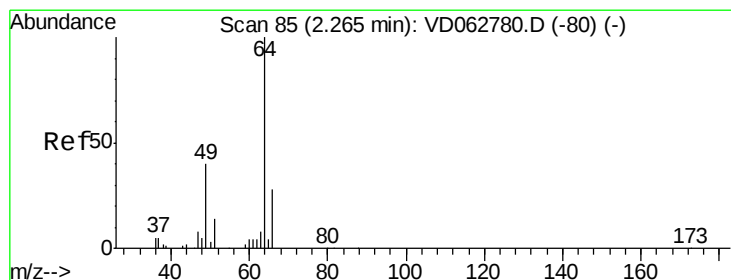
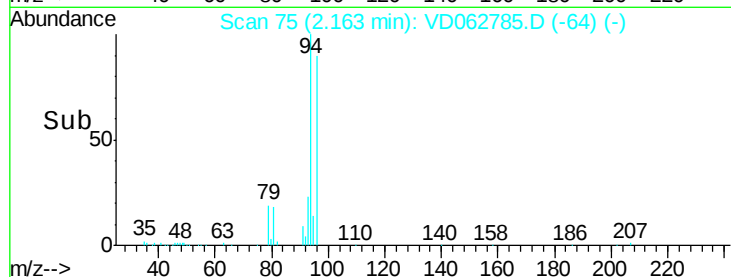
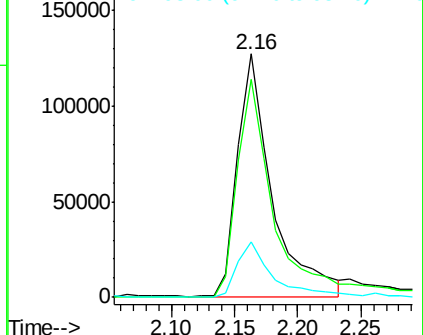
94 100

96 89.5 73.4 110.2

93 23.0 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 54.197 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: VD062785.D

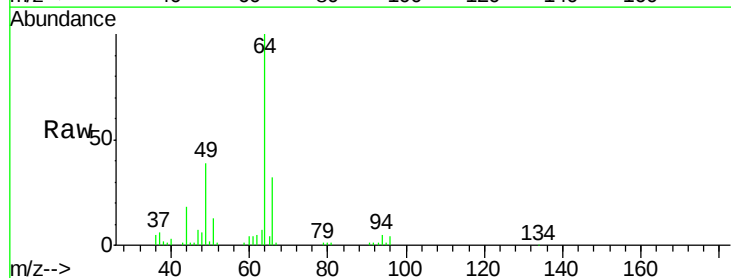
Acq: 20 Jun 2019 10:59

Tgt Ion: 64 Resp: 223903

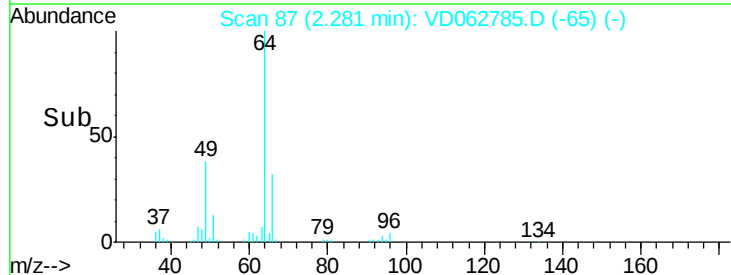
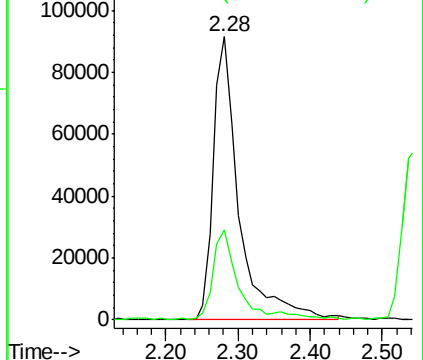
Ion Ratio Lower Upper

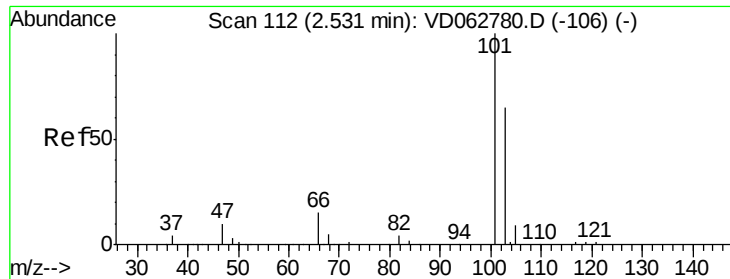
64 100

66 31.8 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



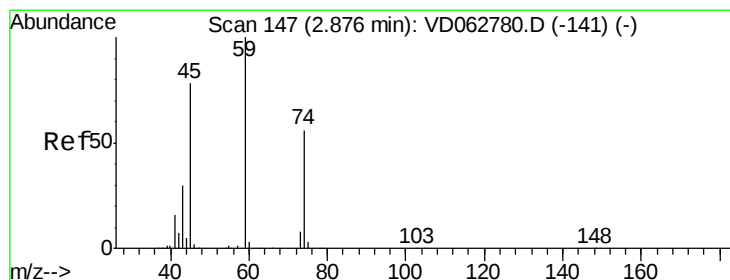
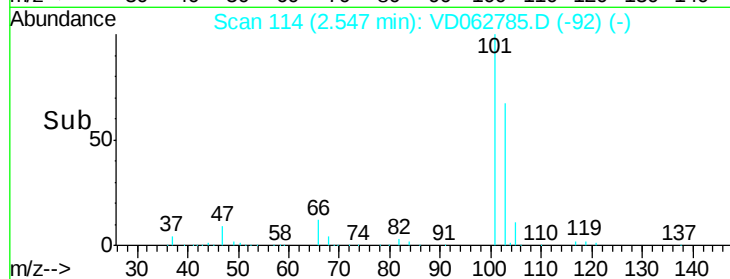
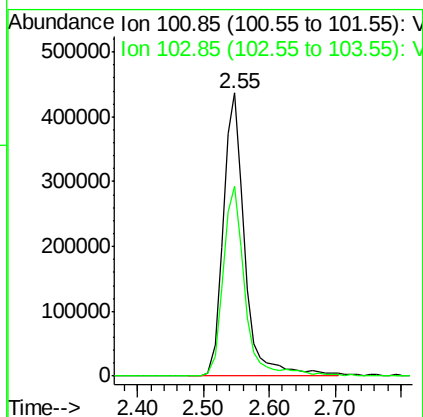
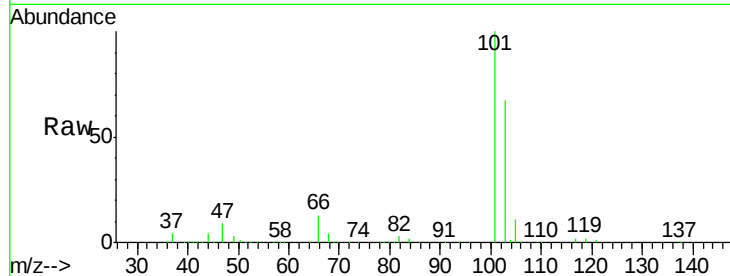


#7

Trichlorofluoromethane
Concen: 53.976 ug/l
RT: 2.55 min Scan# 114
Delta R.T. 0.02 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

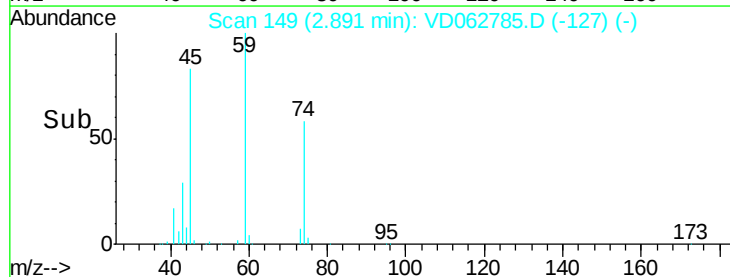
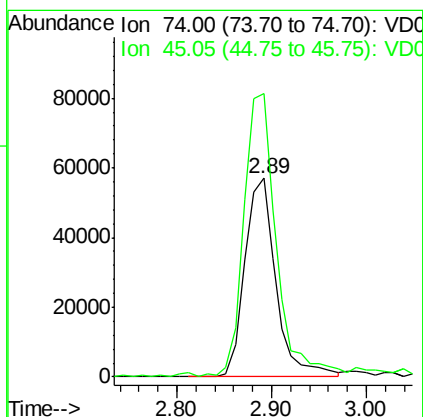
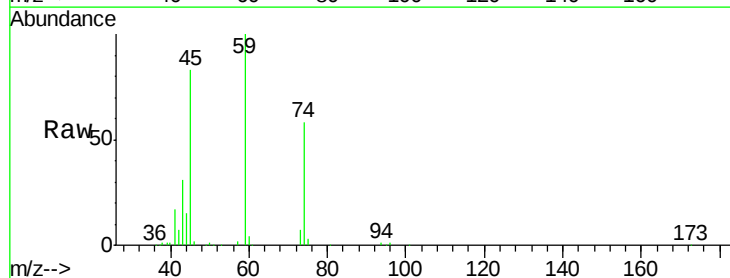
Tot Ion:101 Resp: 996796
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.8

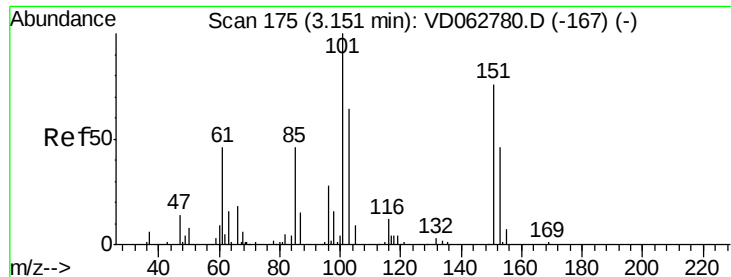


#8

Diethyl Ether
Concen: 55.377 ug/l
RT: 2.89 min Scan# 149
Delta R.T. 0.02 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 74 Resp: 129937
Ion Ratio Lower Upper
74 100
45 142.6 70.2 210.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.319 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.01 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

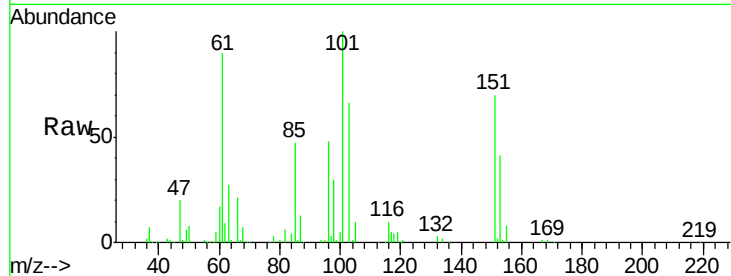
Tot Ion:101 Resp: 533447

Ion Ratio Lower Upper

101 100

85 46.7 37.0 55.4

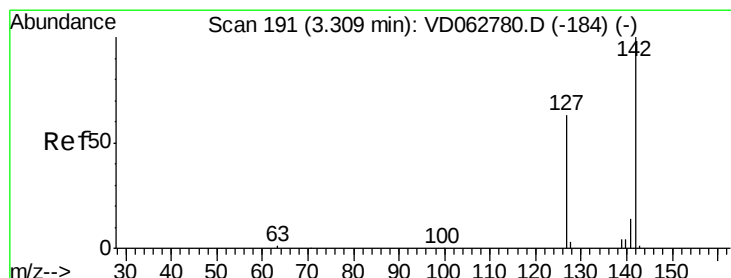
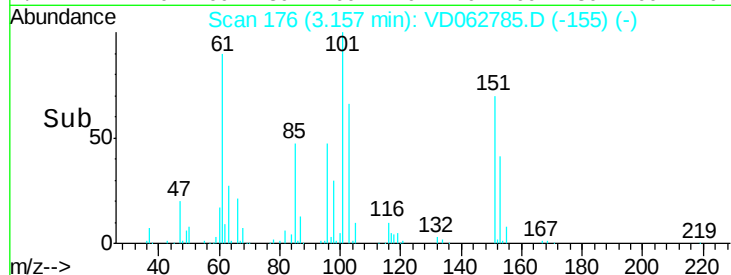
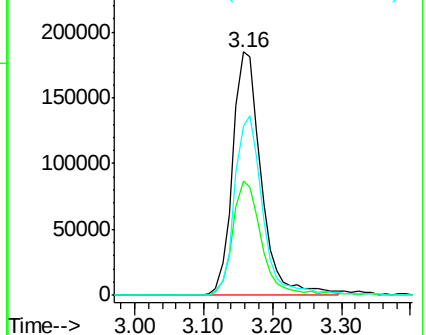
151 69.6 60.5 90.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 52.275 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

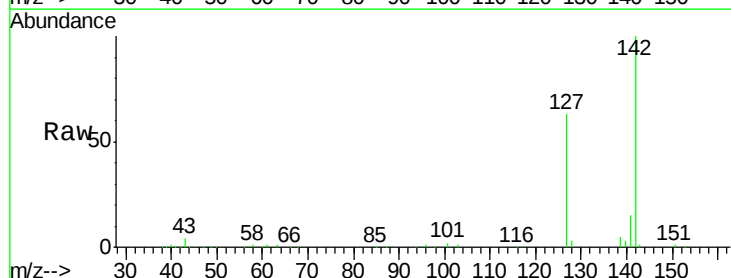
Tgt Ion:142 Resp: 689987

Ion Ratio Lower Upper

142 100

127 63.2 50.1 75.1

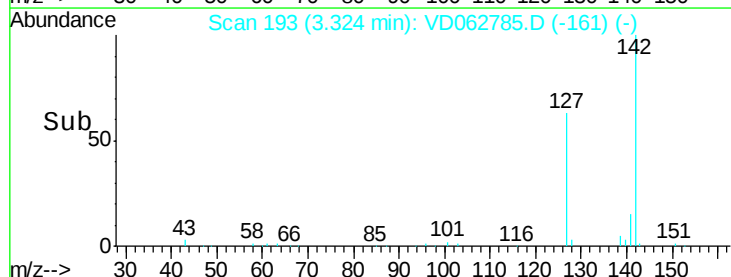
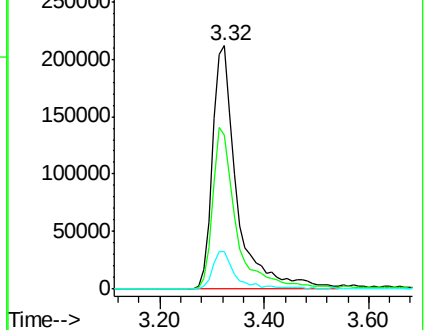
141 15.2 11.0 16.4

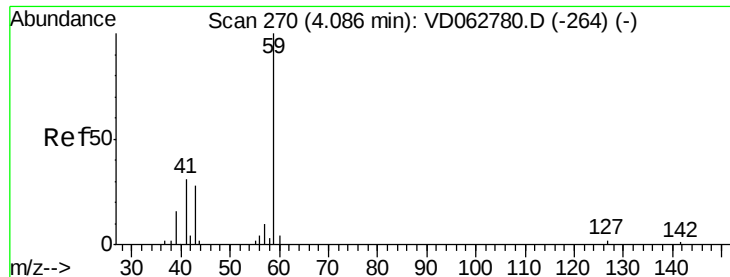


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



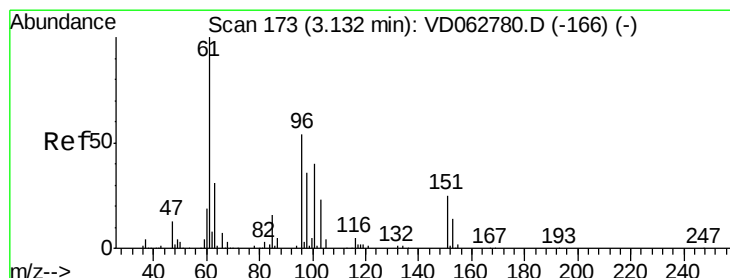
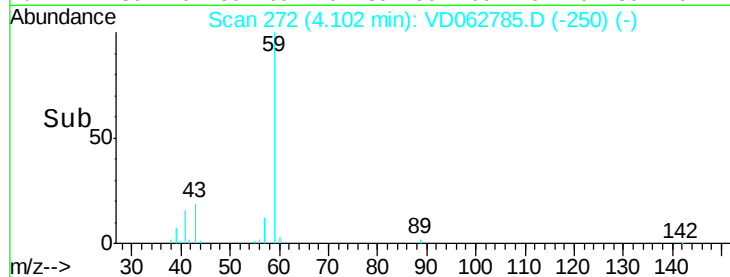
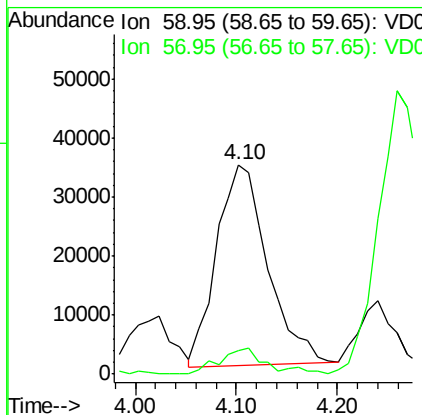
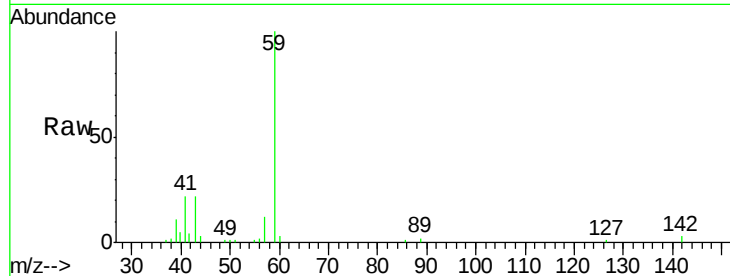


#11

Tert butyl alcohol
 Concen: 255.446 ug/l
 RT: 4.10 min Scan# 272
 Delta R.T. 0.02 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

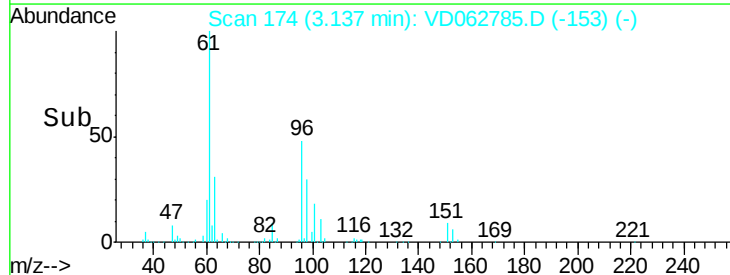
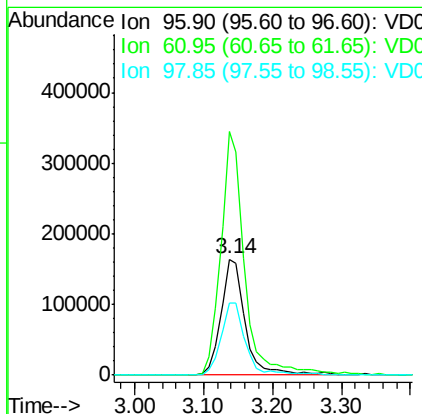
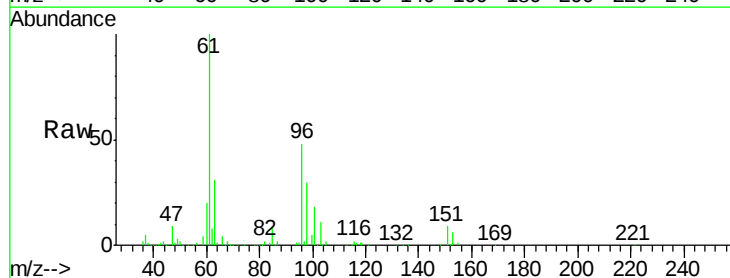
Tot Ion: 59 Resp: 119593
 Ion Ratio Lower Upper
 59 100
 57 11.5 6.6 10.0#



#12

1,1-Dichloroethene
 Concen: 53.131 ug/l
 RT: 3.14 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 96 Resp: 398759
 Ion Ratio Lower Upper
 96 100
 61 210.0 147.1 220.7
 98 62.3 52.6 79.0





#13

Acrolein

Concen: 251.563 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

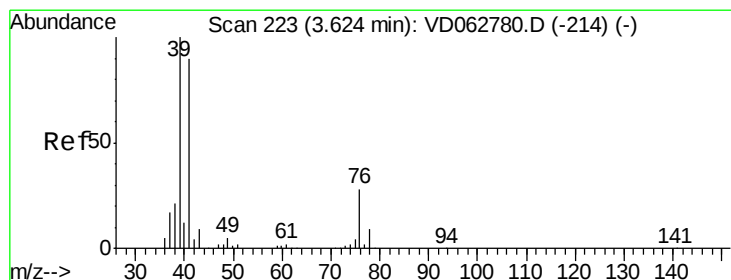
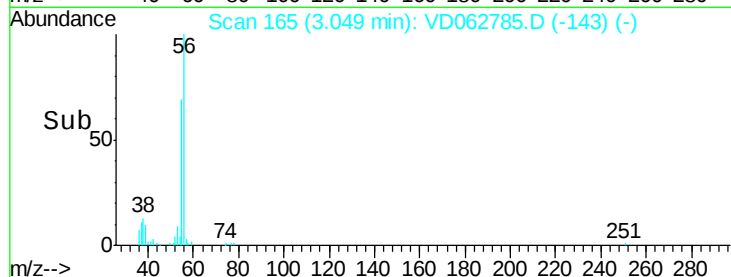
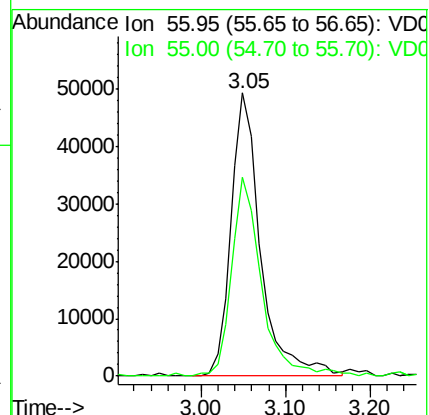
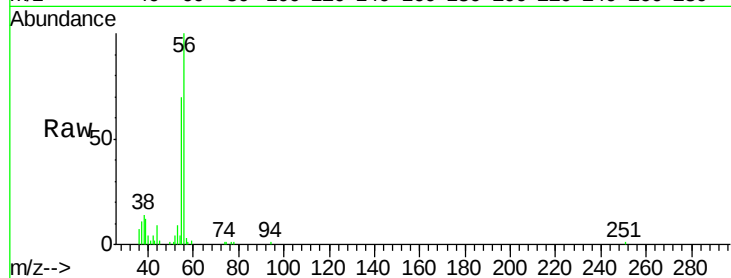
VSTDCCC050

Tot Ion: 56 Resp: 120235

Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.0



#14

Allyl chloride

Concen: 54.213 ug/l

RT: 3.64 min Scan# 225

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

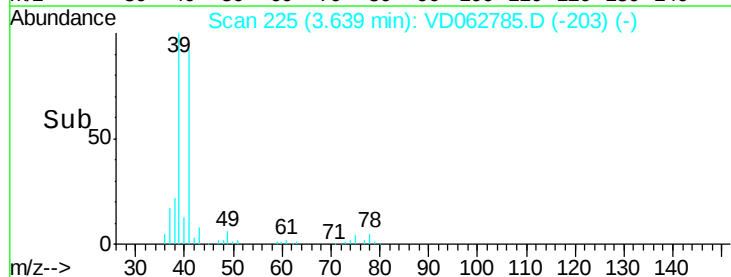
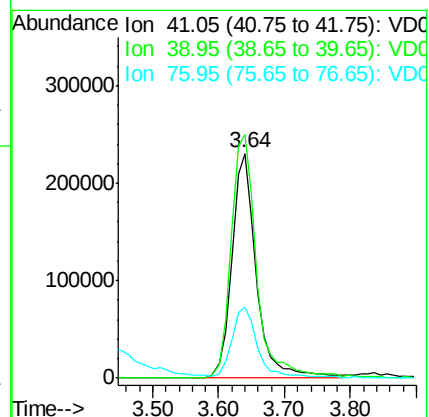
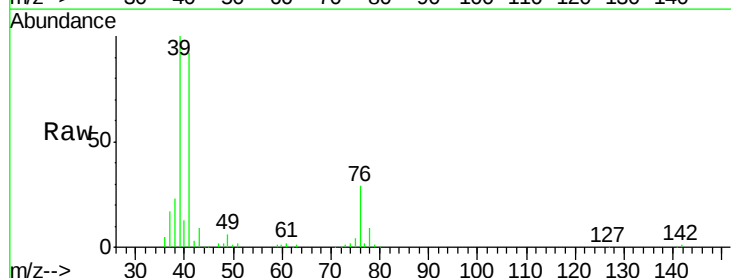
Tgt Ion: 41 Resp: 601215

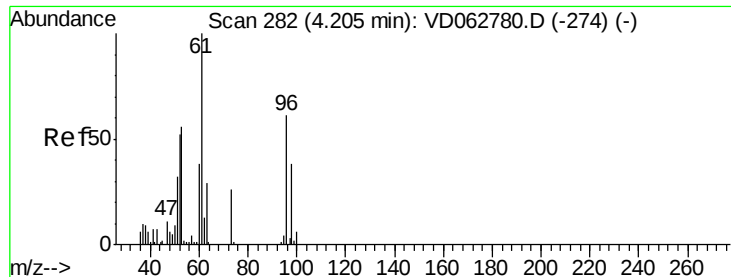
Ion Ratio Lower Upper

41 100

39 108.4 88.8 133.2

76 31.6 26.7 40.1





#15

Acrylonitrile

Concen: 257.514 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

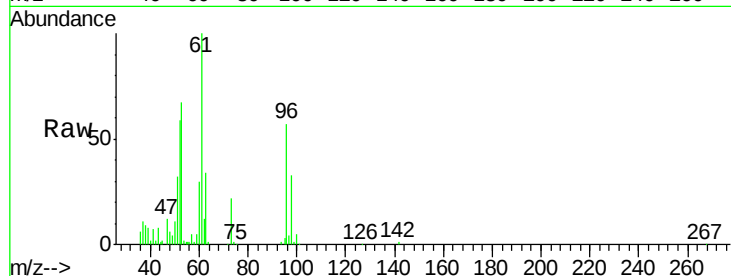
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 283287

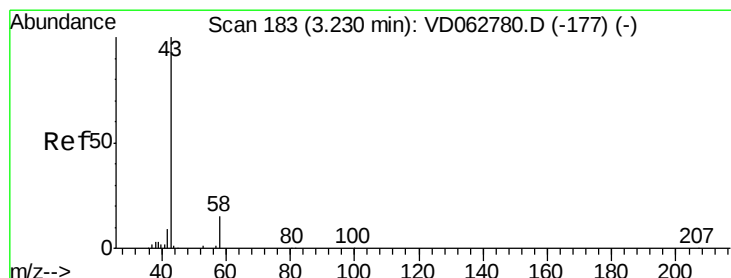
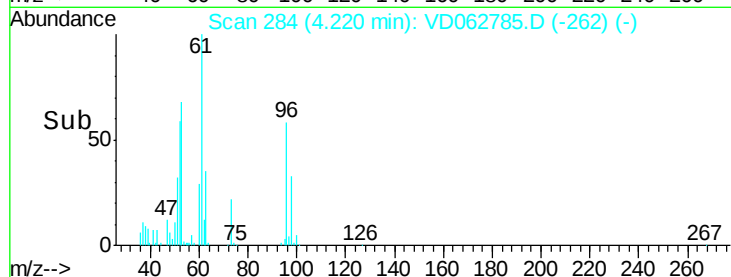
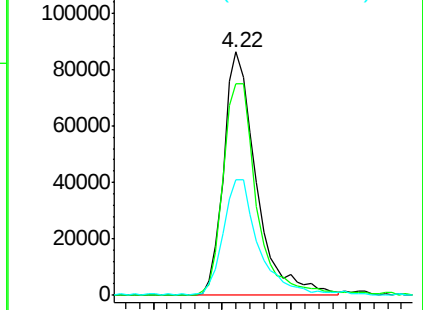
Ion	Ratio	Lower	Upper
53	100		
52	86.8	73.3	109.9
51	47.7	44.8	67.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 280.777 ug/l

RT: 3.24 min Scan# 184

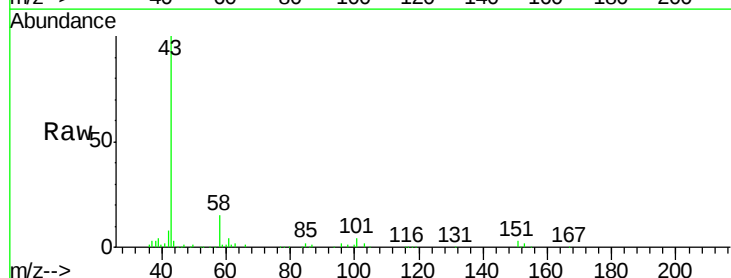
Delta R.T. 0.01 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

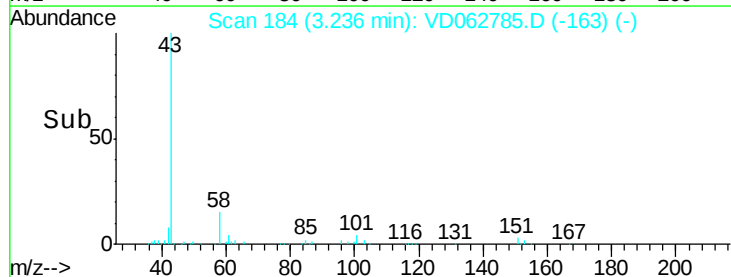
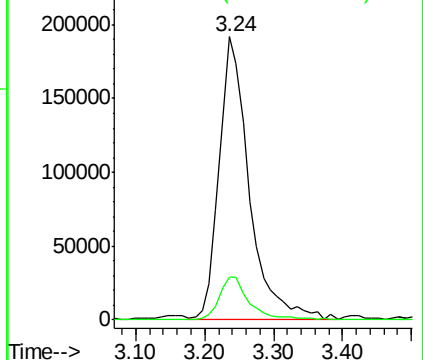
Tgt Ion: 43 Resp: 583507

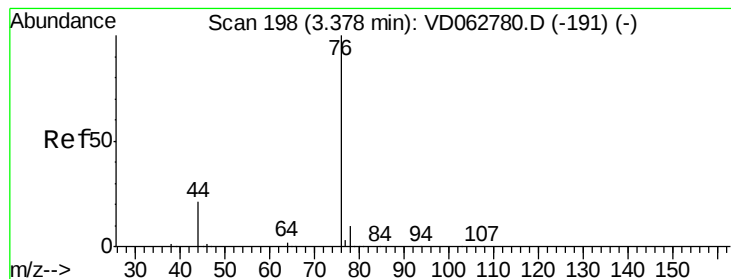
Ion	Ratio	Lower	Upper
43	100		
58	15.0	11.9	17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 52.733 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

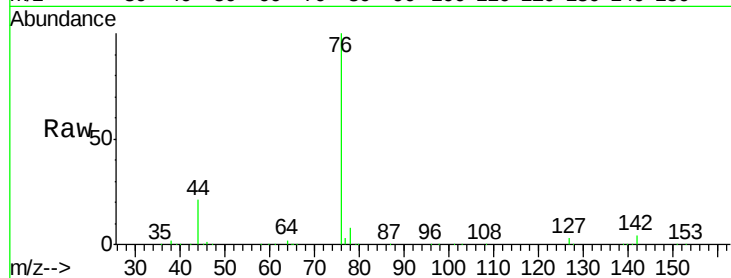
VSTDCCC050

Tot Ion: 76 Resp: 1264890

Ion Ratio Lower Upper

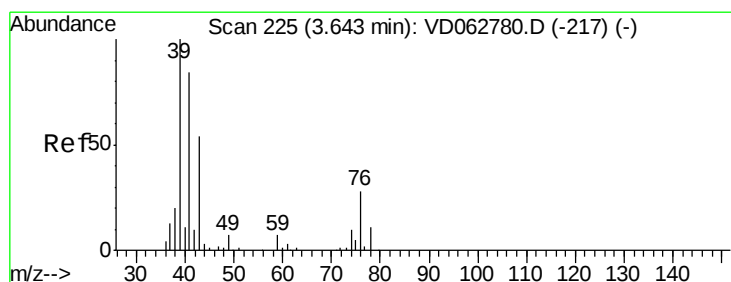
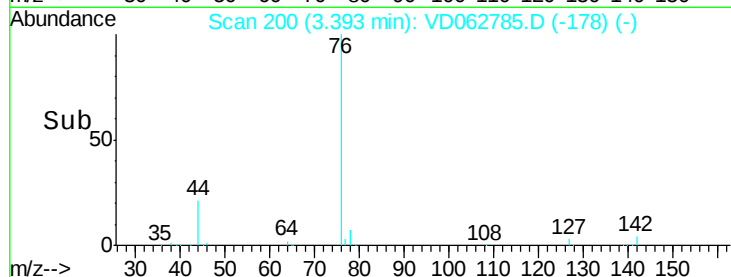
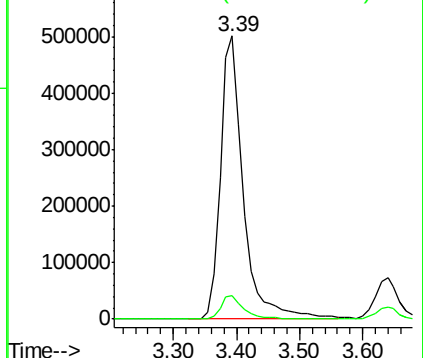
76 100

78 8.1 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 51.318 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.02 min

Lab File: VD062785.D

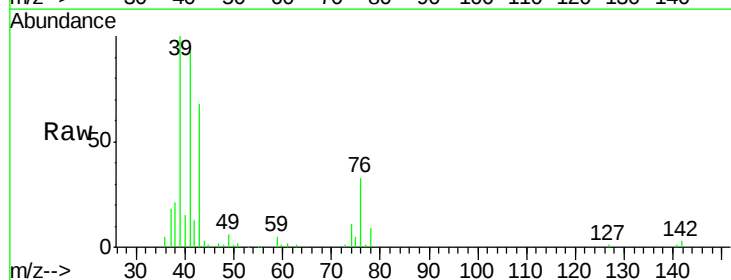
Acq: 20 Jun 2019 10:59

Tgt Ion: 43 Resp: 159246

Ion Ratio Lower Upper

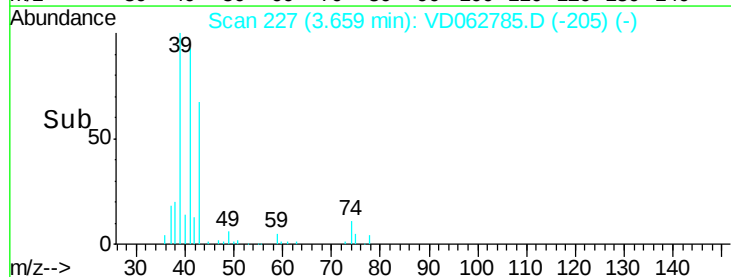
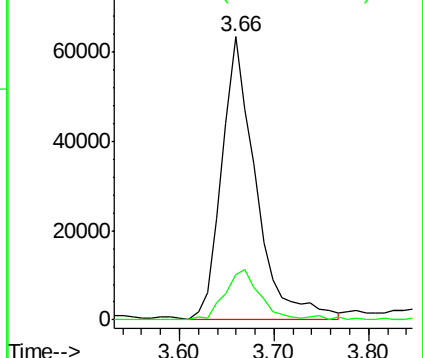
43 100

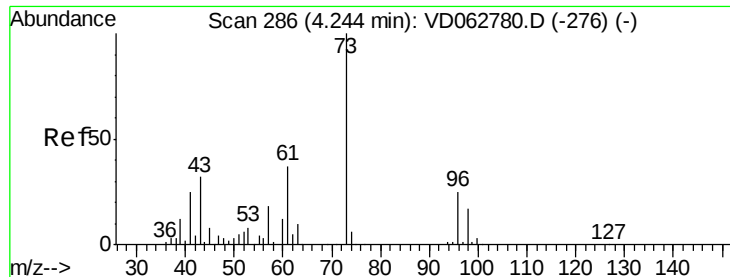
74 15.8 15.2 22.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



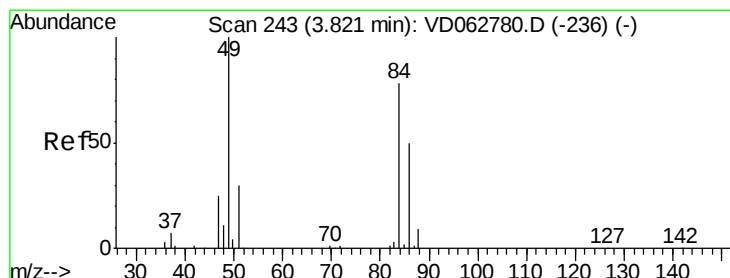
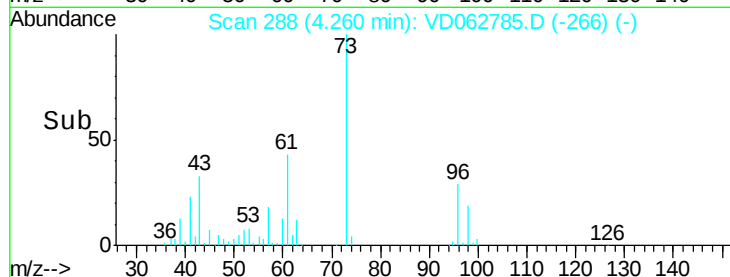
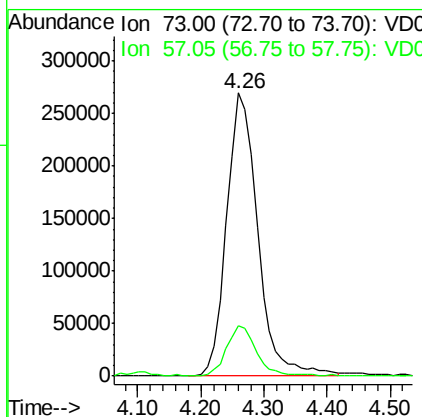
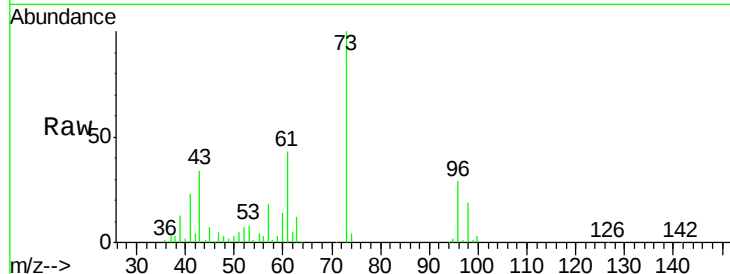


#19

Methyl tert-butyl Ether
 Concen: 56.826 ug/l
 RT: 4.26 min Scan# 288
 Delta R.T. 0.02 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

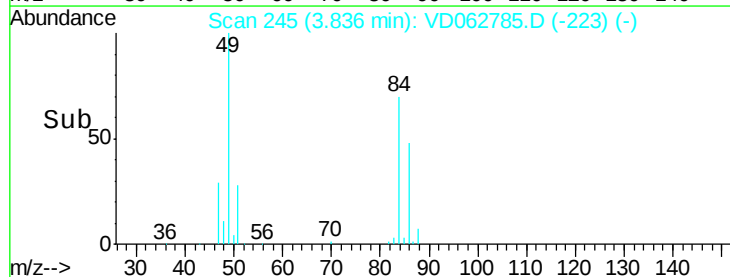
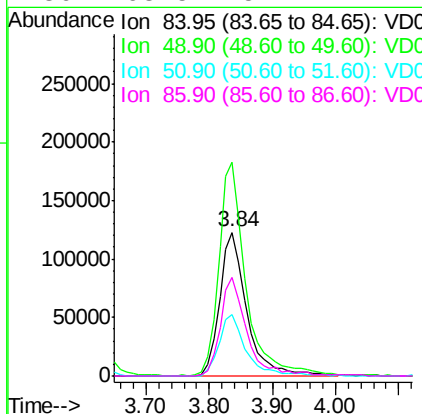
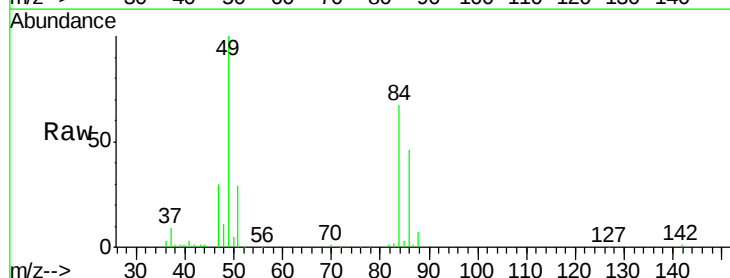
Tot Ion: 73 Resp: 923289
 Ion Ratio Lower Upper
 73 100
 57 17.8 14.3 21.5



#20

Methylene Chloride
 Concen: 46.760 ug/l
 RT: 3.84 min Scan# 245
 Delta R.T. 0.02 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 84 Resp: 366577
 Ion Ratio Lower Upper
 84 100
 49 148.5 102.9 154.3
 51 42.5 31.2 46.8
 86 68.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.641 ug/l

RT: 4.24 min Scan# 286

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

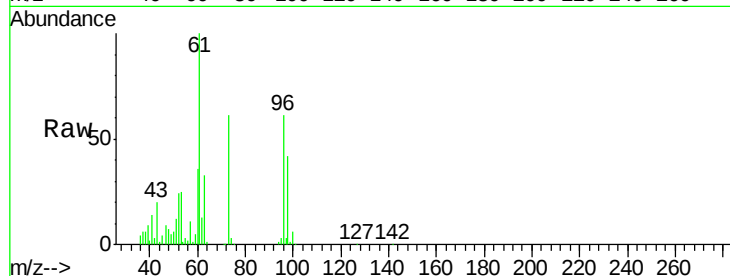
Tot Ion: 96 Resp: 420681

Ion Ratio Lower Upper

96 100

61 163.2 131.0 196.4

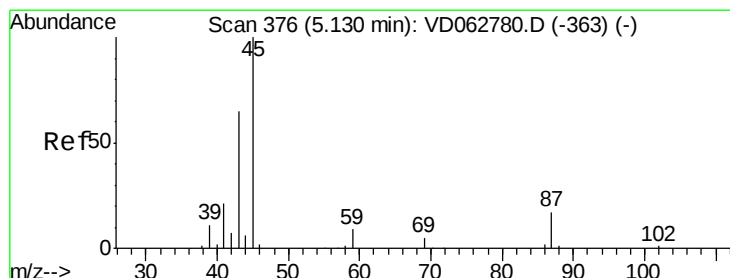
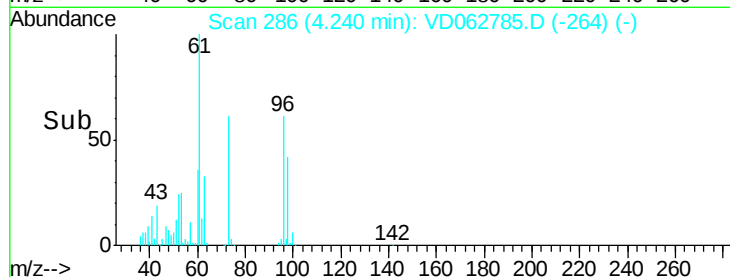
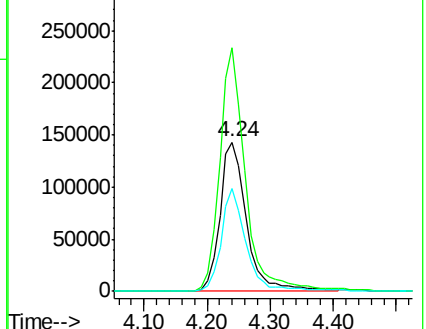
98 68.6 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 53.827 ug/l

RT: 5.15 min Scan# 378

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Tgt Ion: 45 Resp: 1213950

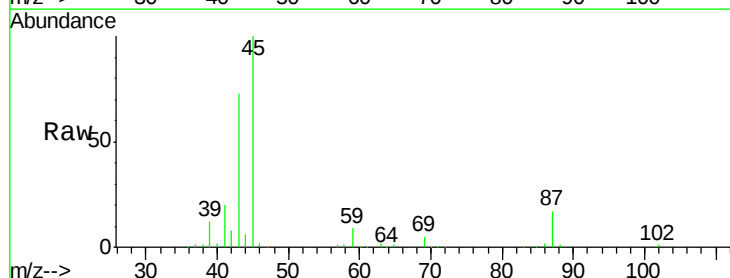
Ion Ratio Lower Upper

45 100

43 72.6 53.4 80.0

87 17.2 14.6 22.0

59 8.6 7.8 11.8

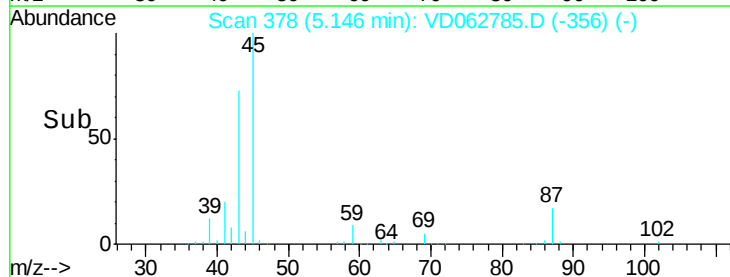
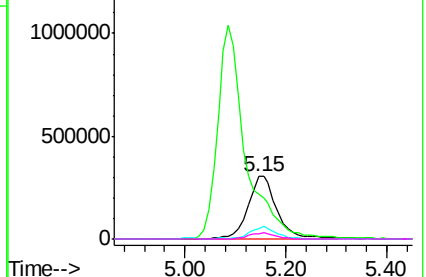


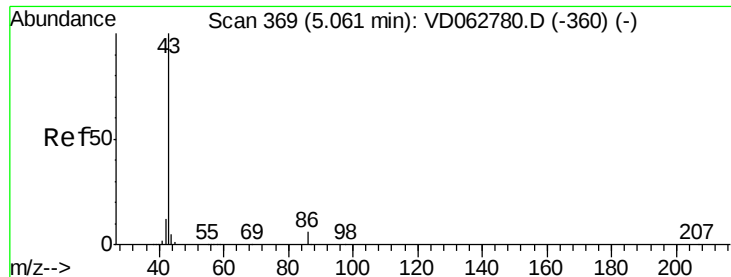
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 282.991 ug/l

RT: 5.09 min Scan# 372

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

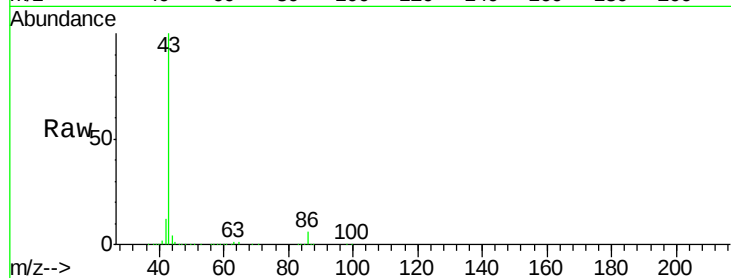
VSTDCCC050

Tot Ion: 43 Resp: 3993663

Ion Ratio Lower Upper

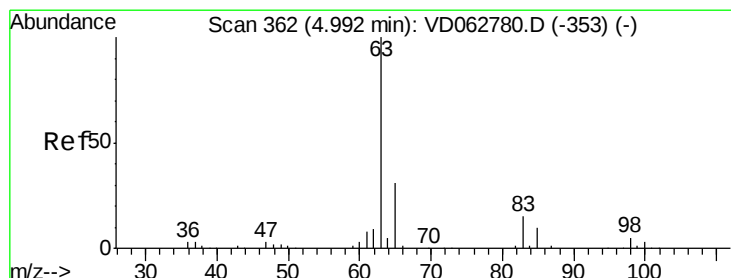
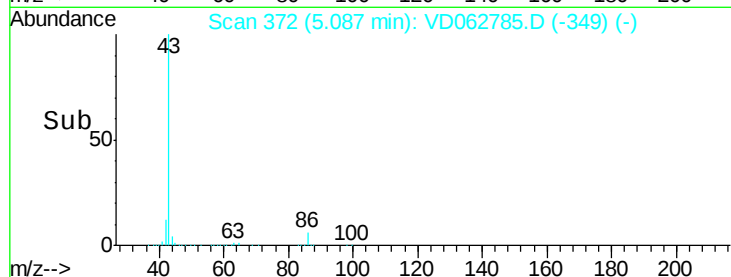
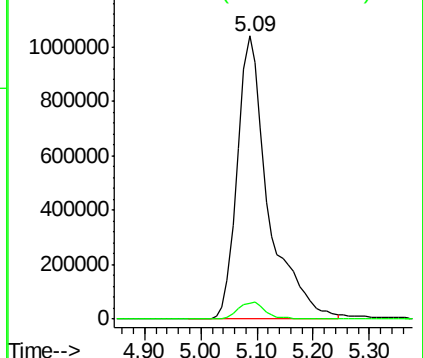
43 100

86 5.8 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.263 ug/l

RT: 5.01 min Scan# 364

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

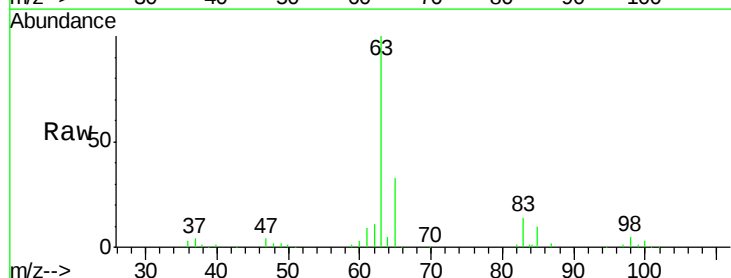
Tgt Ion: 63 Resp: 782095

Ion Ratio Lower Upper

63 100

98 4.6 2.3 6.9

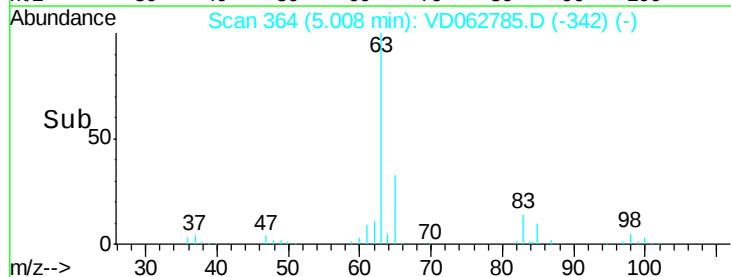
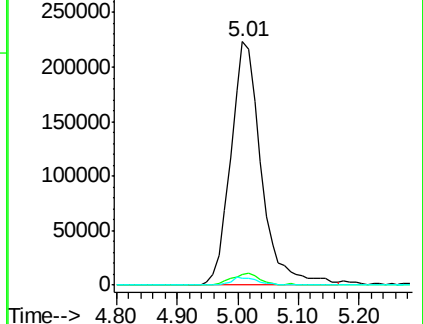
100 2.7 1.7 5.1

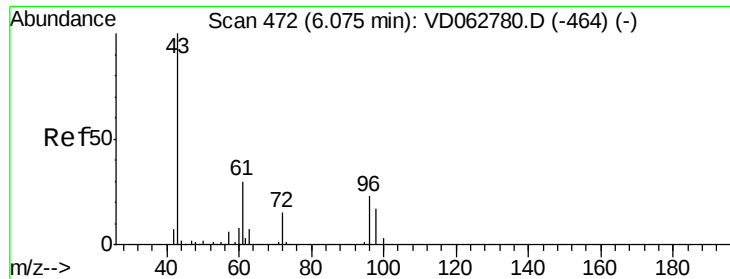


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 297.234 ug/l

RT: 6.11 min Scan# 476

Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

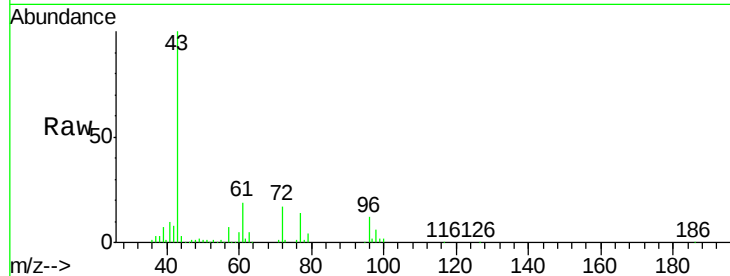
VSTDCCC050

Tot Ion: 43 Resp: 571453

Ion Ratio Lower Upper

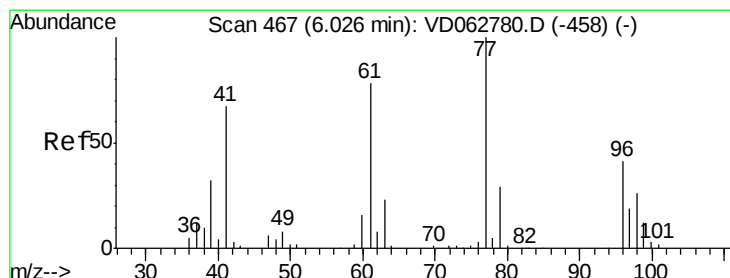
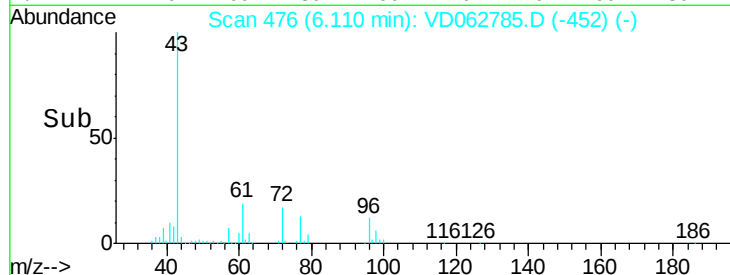
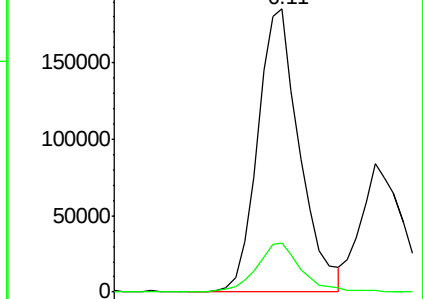
43 100

72 17.3 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 55.830 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.03 min

Lab File: VD062785.D

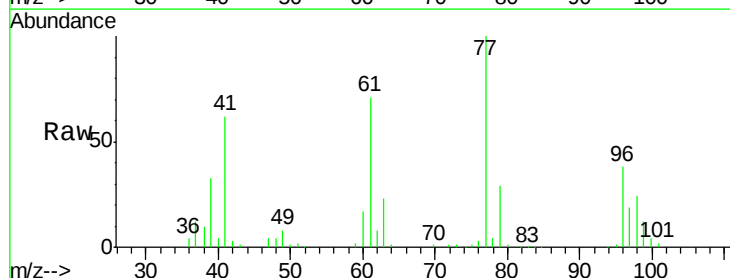
Acq: 20 Jun 2019 10:59

Tgt Ion: 77 Resp: 868937

Ion Ratio Lower Upper

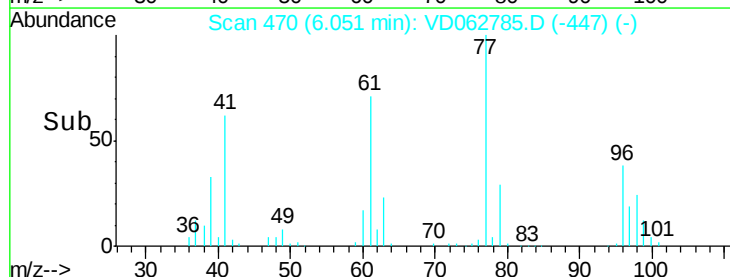
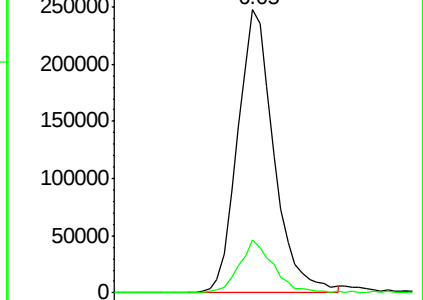
77 100

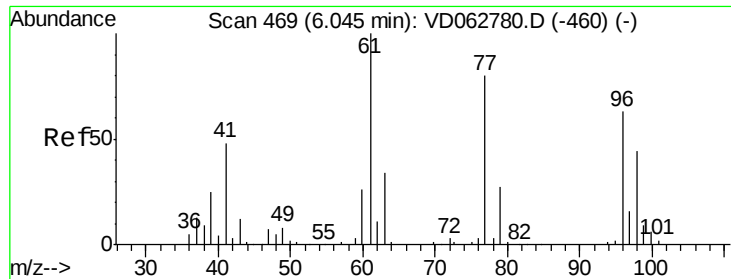
97 18.8 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



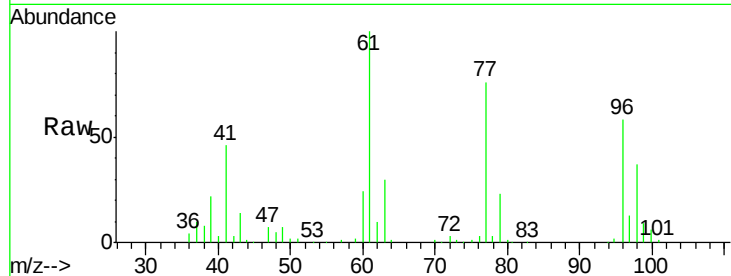


#27

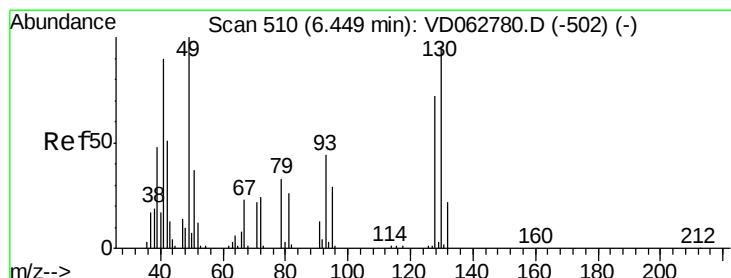
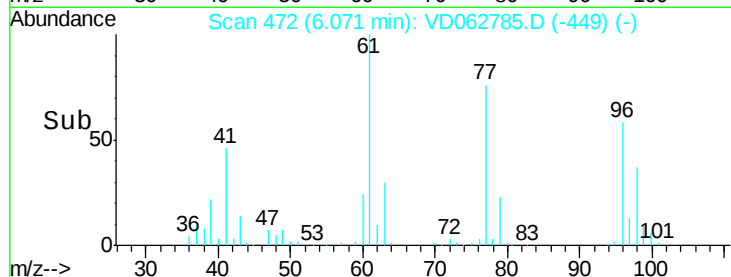
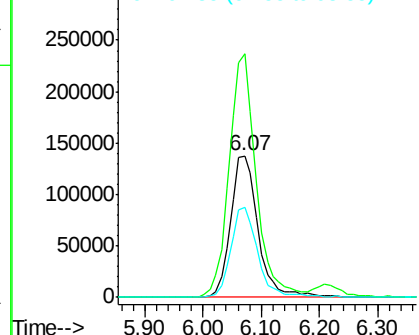
cis-1,2-Dichloroethene
Concen: 53.311 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 450524
Ion Ratio Lower Upper
96 100
61 172.0 0.0 316.0
98 63.2 0.0 138.4



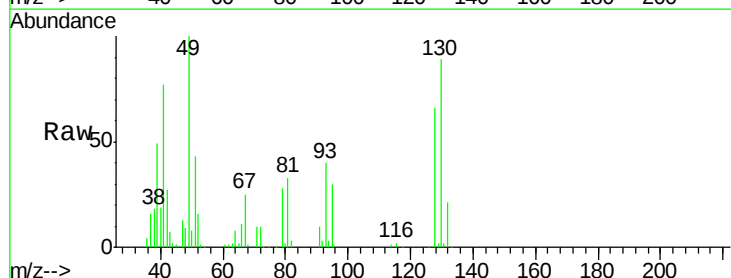
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



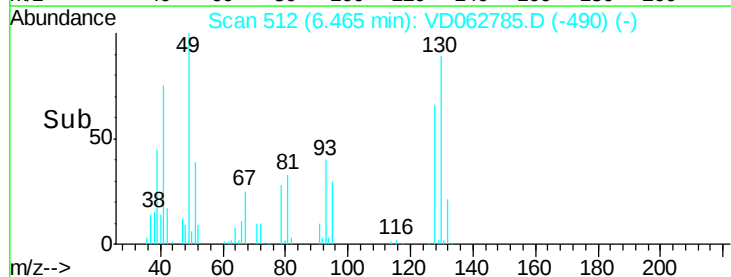
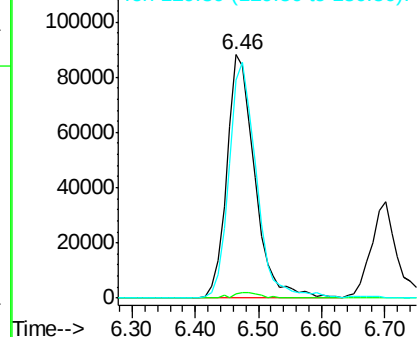
#28

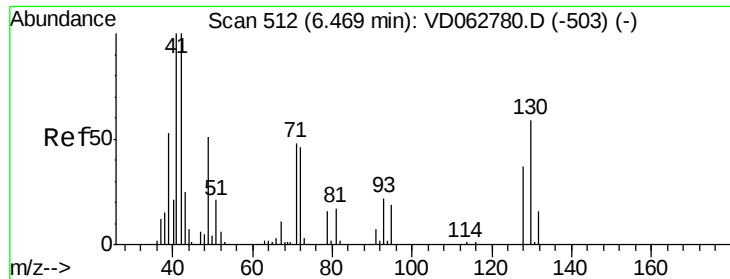
Bromochloromethane
Concen: 52.144 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 49 Resp: 269668
Ion Ratio Lower Upper
49 100
129 1.8 0.0 5.6
130 89.5 76.6 114.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

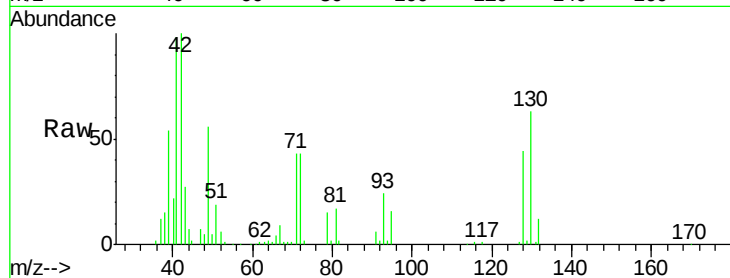




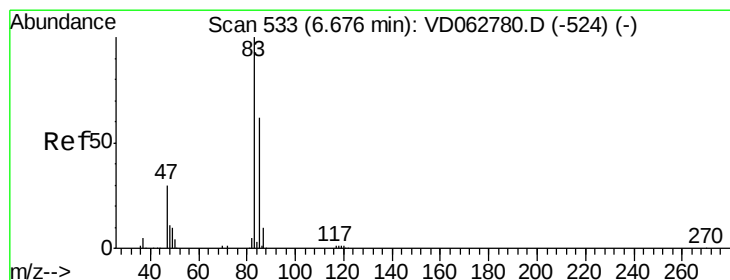
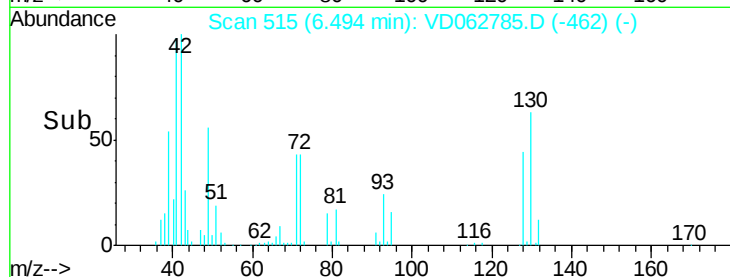
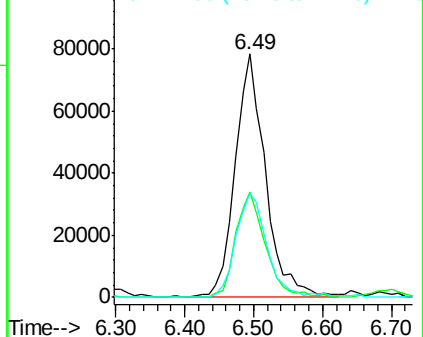
#29
Tetrahydrofuran
Concen: 262.936 ug/l
RT: 6.49 min Scan# 515
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 239178
Ion Ratio Lower Upper
42 100
72 42.1 35.0 52.6
71 43.2 33.3 49.9

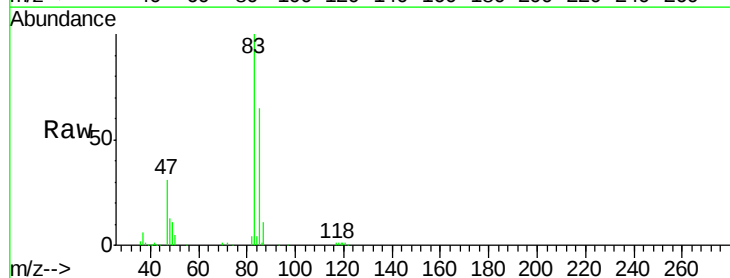


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

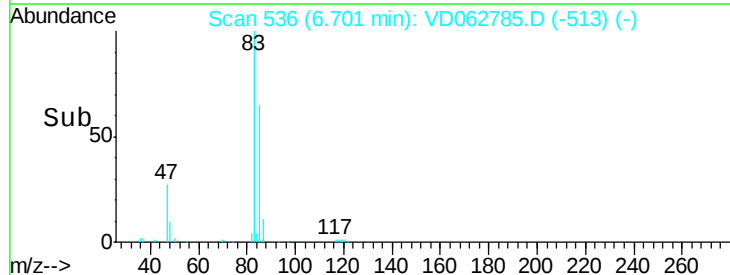
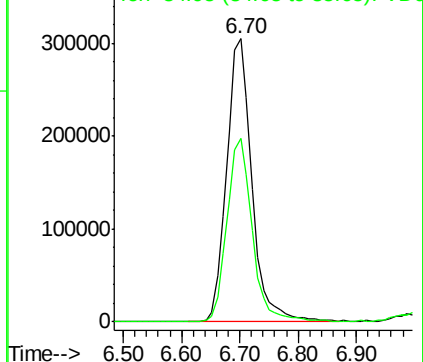


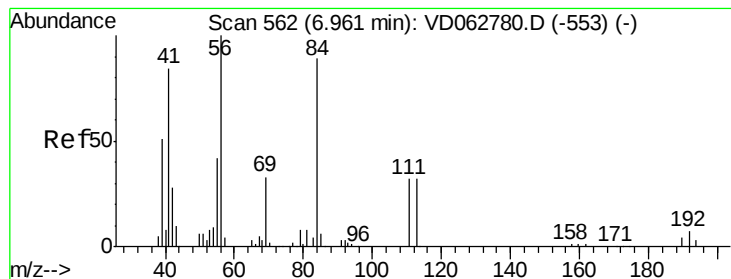
#30
Chloroform
Concen: 51.382 ug/l
RT: 6.70 min Scan# 536
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 83 Resp: 917559
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 51.952 ug/l

RT: 6.99 min Scan# 565

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

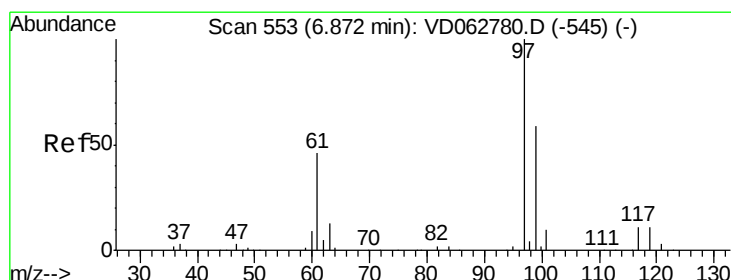
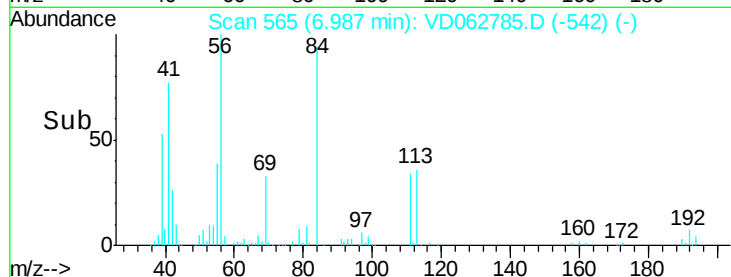
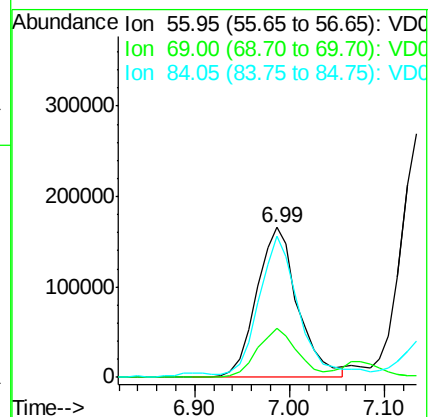
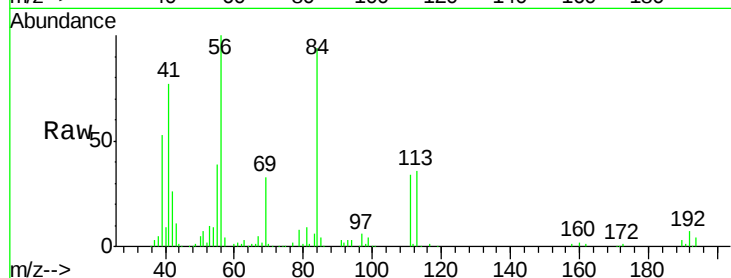
Tot Ion: 56 Resp: 501493

Ion Ratio Lower Upper

56 100

69 32.7 26.6 39.8

84 94.3 75.5 113.3



#32

1,1,1-Trichloroethane

Concen: 52.614 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

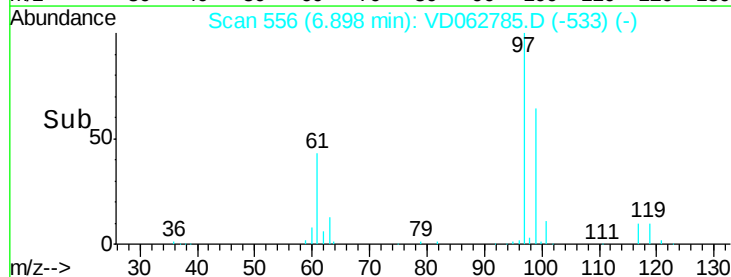
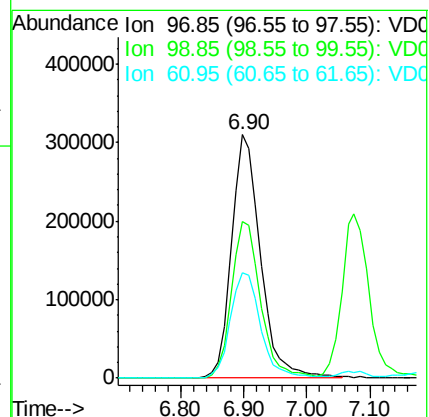
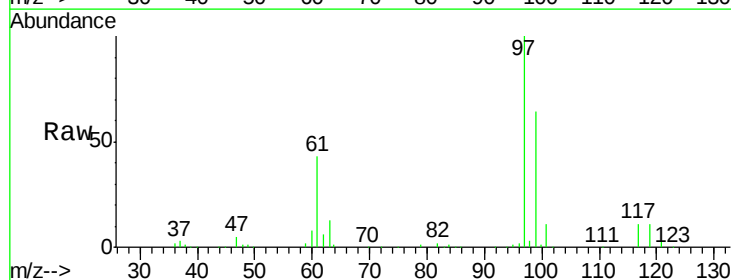
Tgt Ion: 97 Resp: 978628

Ion Ratio Lower Upper

97 100

99 64.2 47.4 71.2

61 43.5 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 54.098 ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

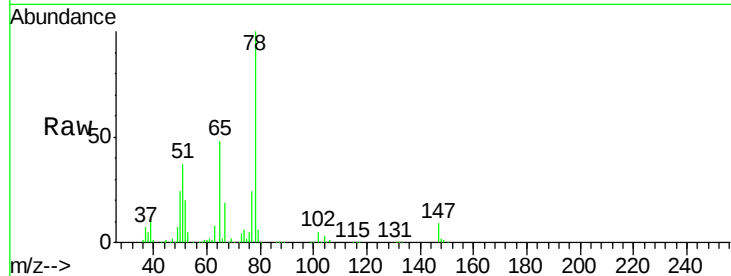
VSTDCCC050

Tot Ion: 65 Resp: 556096

Ion Ratio Lower Upper

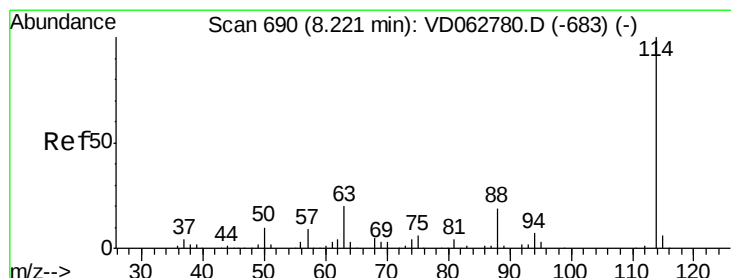
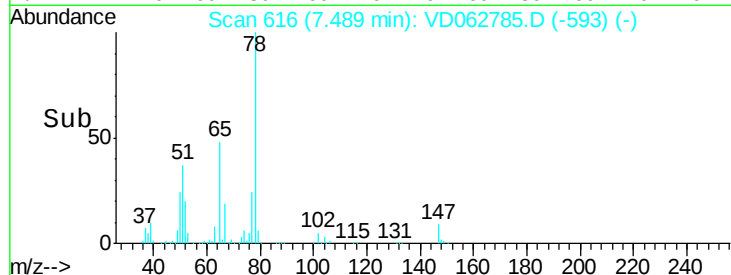
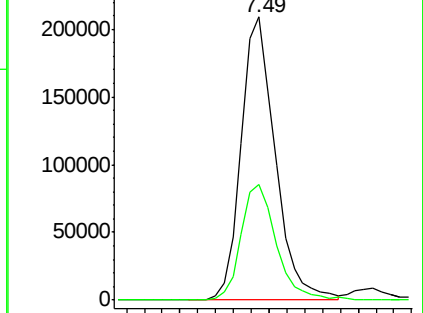
65 100

67 40.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.26 min Scan# 694

Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

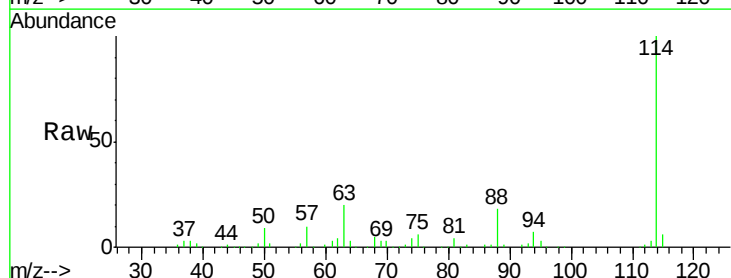
Tgt Ion: 114 Resp: 1336939

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

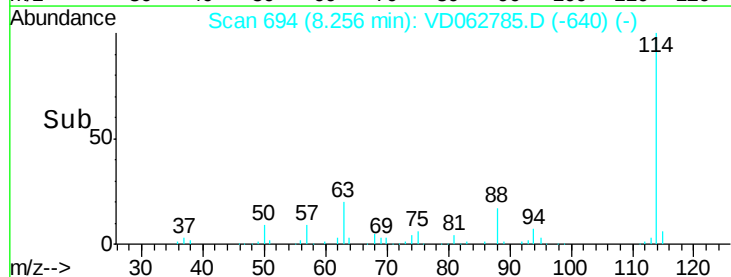
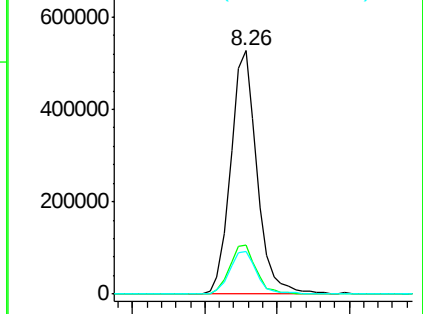
88 17.6 0.0 38.8

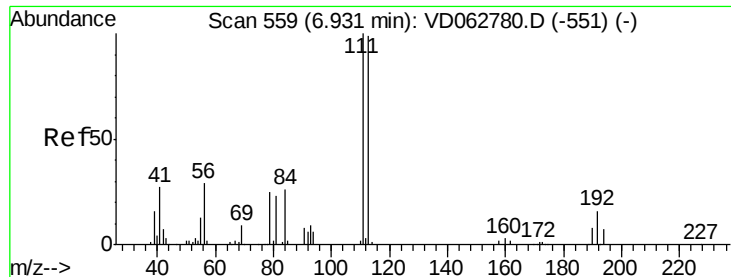


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.290 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

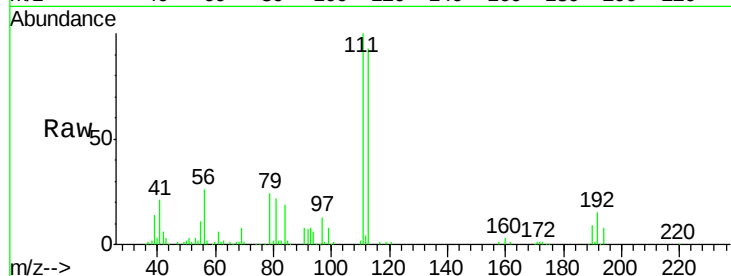
MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 555647

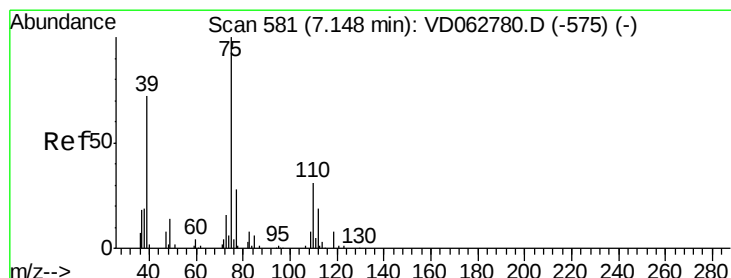
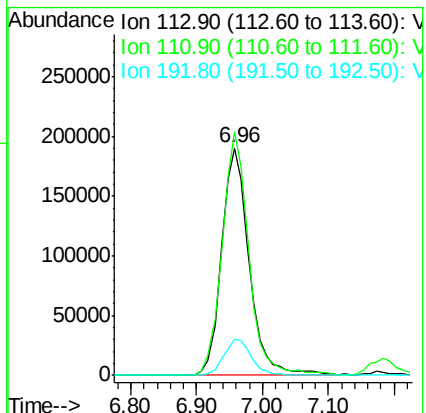
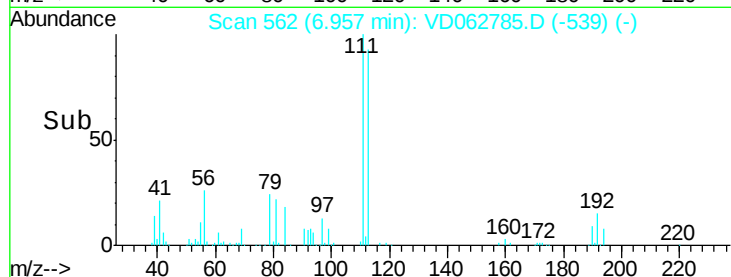
Ion	Ratio	Lower	Upper
113	100		
111	107.3	81.2	121.8
192	15.7	12.9	19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 51.605 ug/l

RT: 7.18 min Scan# 585

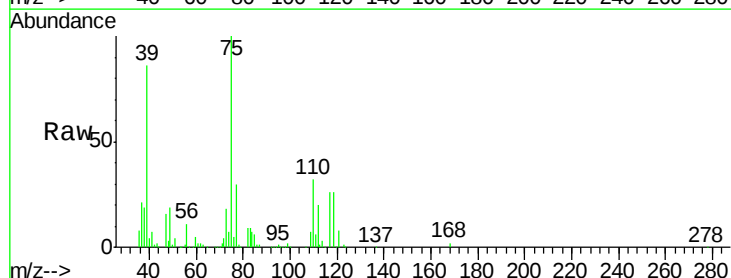
Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Tgt Ion: 75 Resp: 653109

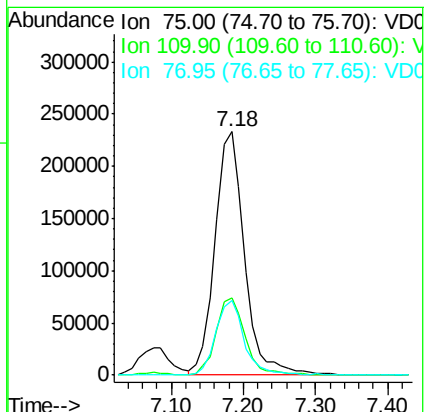
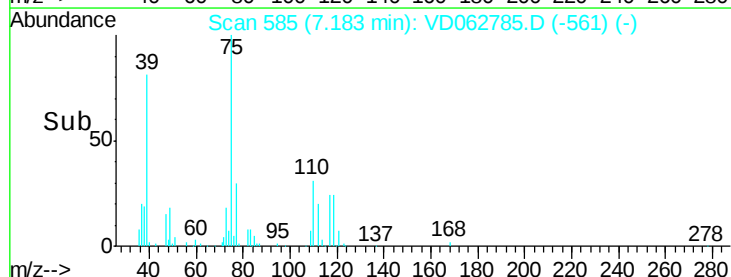
Ion	Ratio	Lower	Upper
75	100		
110	31.9	15.0	45.1
77	30.5	22.2	33.2

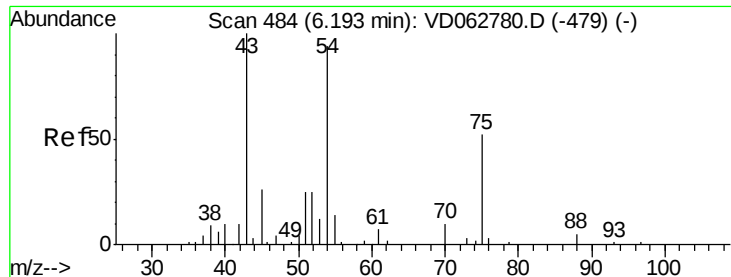


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 49.819 ug/l

RT: 6.21 min Scan# 486

Delta R.T. 0.02 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

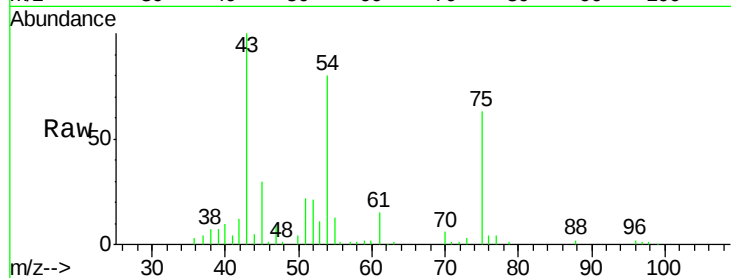
Tot Ion: 43 Resp: 264881

Ion Ratio Lower Upper

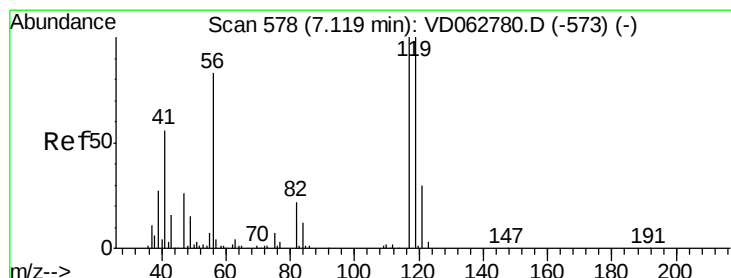
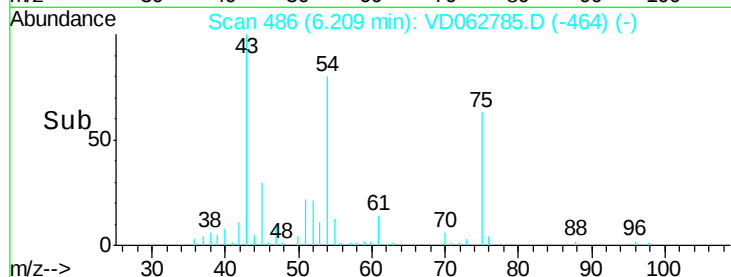
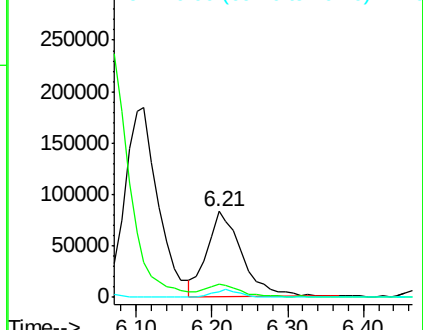
43 100

61 14.7 11.6 17.4

70 6.4 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 51.377 ug/l m

RT: 7.14 min Scan# 581

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

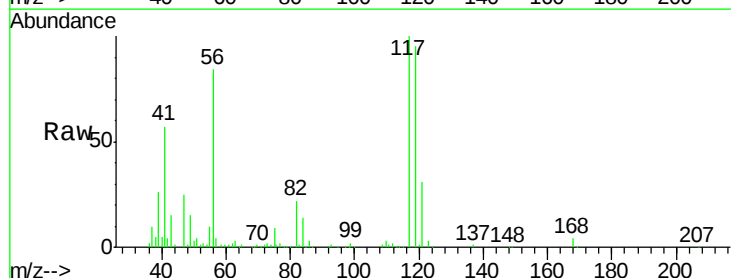
Tgt Ion: 117 Resp: 977922

Ion Ratio Lower Upper

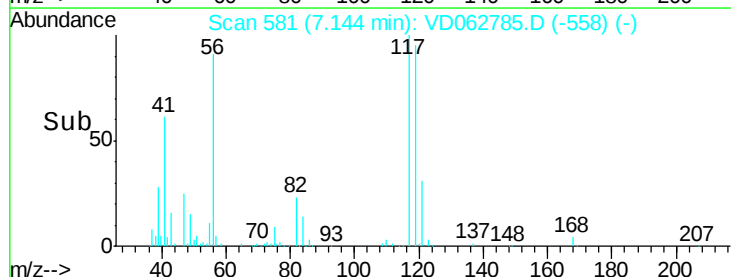
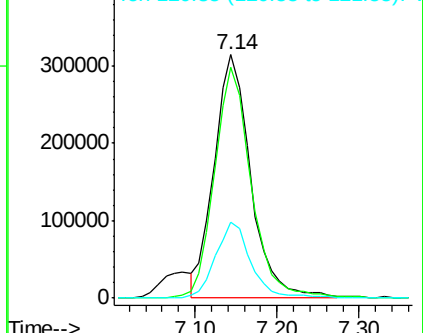
117 100

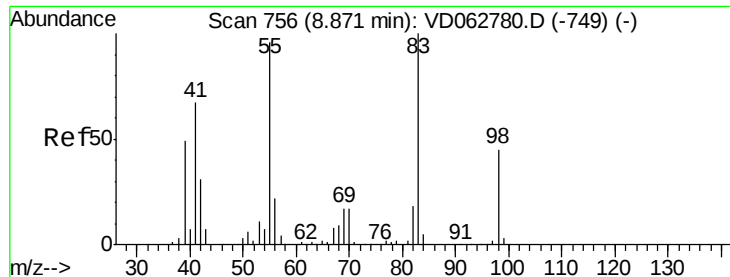
119 95.0 75.4 113.2

121 31.3 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

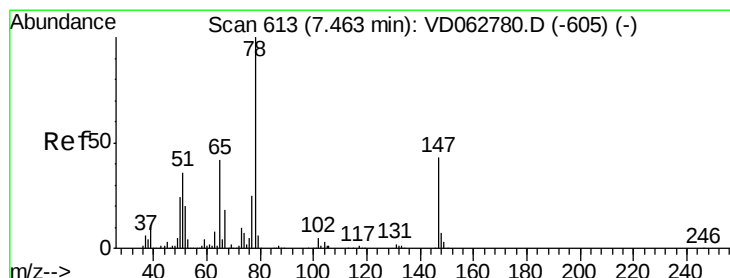
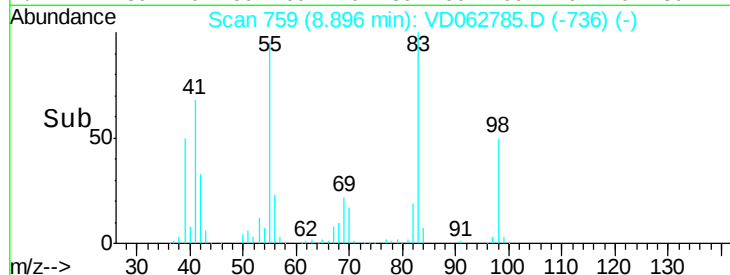
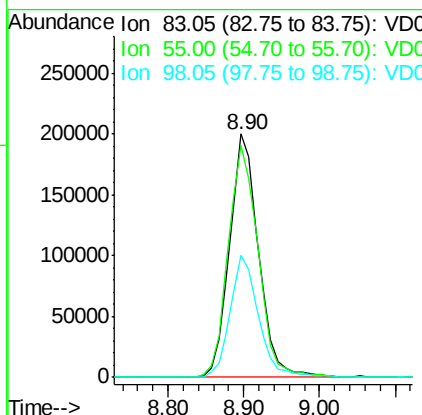
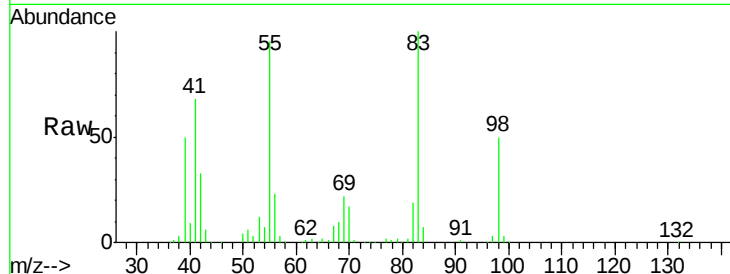




#39
Methvlcvclohexane
Concen: 47.470 ug/l
RT: 8.90 min Scan# 759
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

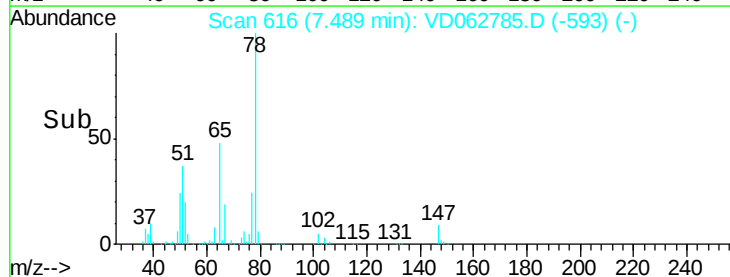
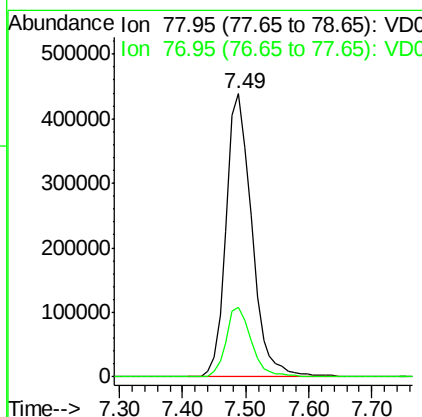
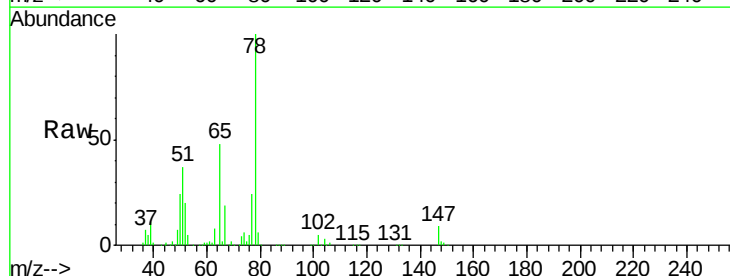
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

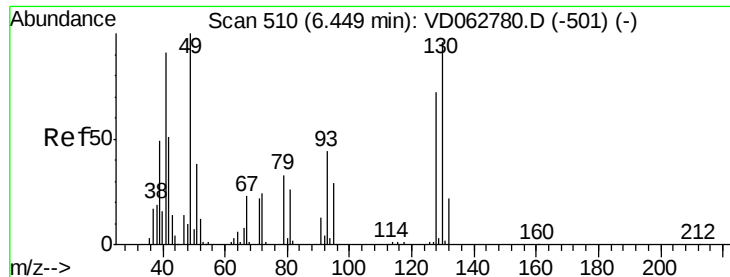
Tot Ion: 83 Resp: 528834
Ion Ratio Lower Upper
83 100
55 95.4 76.6 115.0
98 50.4 35.7 53.5



#40
Benzene
Concen: 48.753 ug/l
RT: 7.49 min Scan# 616
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 78 Resp: 1238539
Ion Ratio Lower Upper
78 100
77 24.4 20.2 30.2

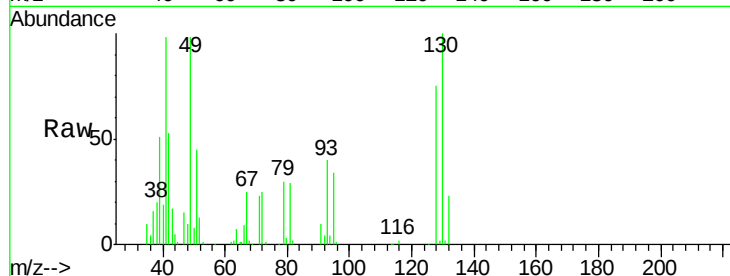




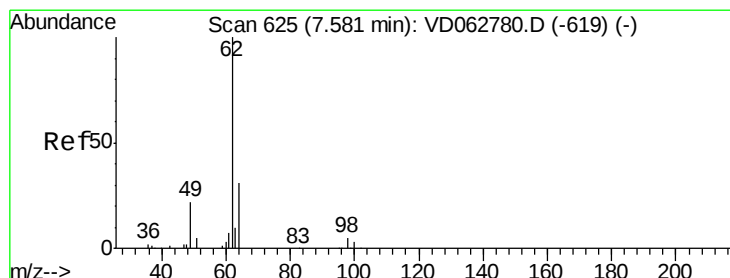
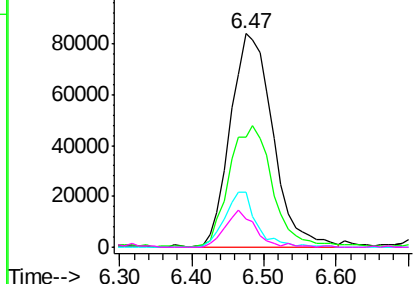
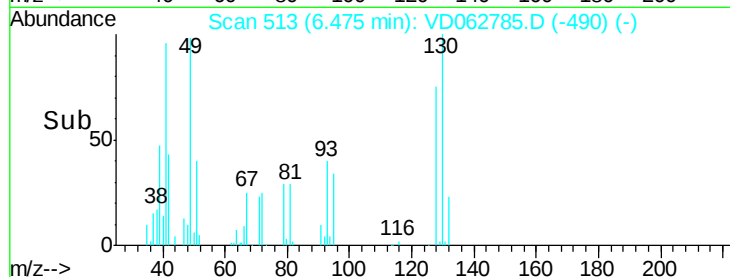
#41
Methacrylonitrile
Concen: 51.749 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	345388
Ion	Ratio	Lower	Upper
41	100		
39	51.6	43.2	64.8
67	25.7	19.9	29.9
52	13.5	10.2	15.4

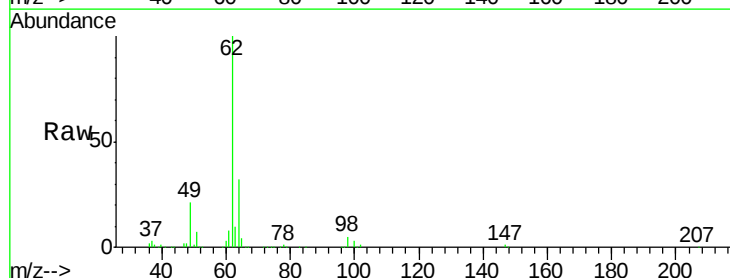


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

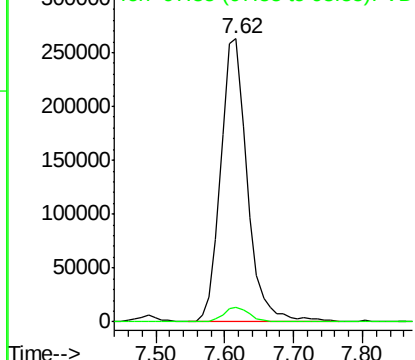
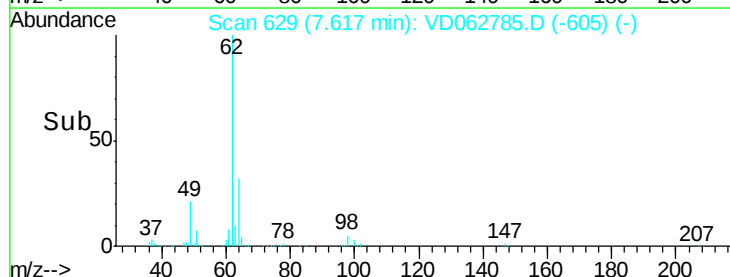


#42
1,2-Dichloroethane
Concen: 50.935 ug/l
RT: 7.62 min Scan# 629
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:	62	Resp:	705901
Ion	Ratio	Lower	Upper
62	100		
98	5.1	0.0	10.0



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 53.626 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

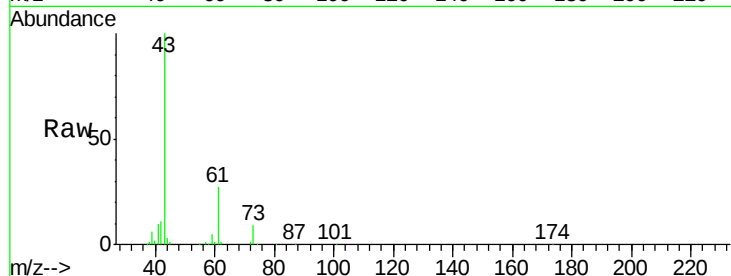
Tot Ion: 43 Resp: 355817

Ion Ratio Lower Upper

43 100

61 27.2 22.4 33.6

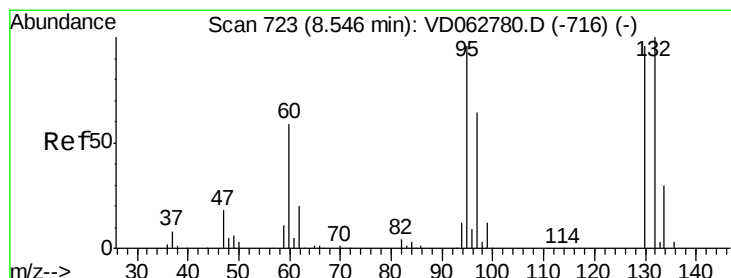
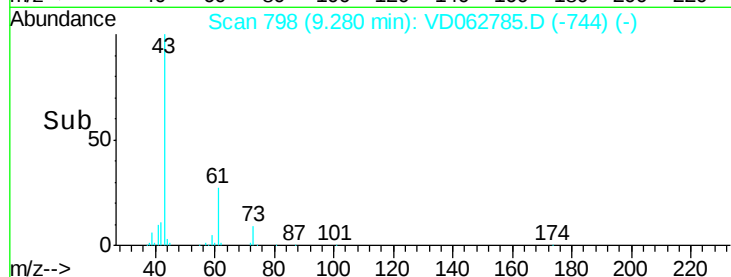
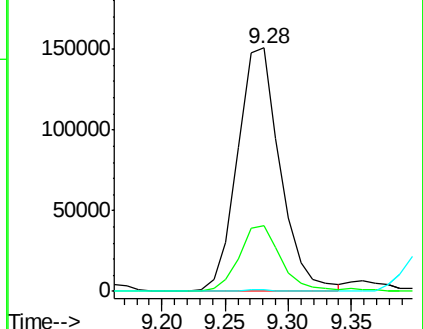
87 0.5 0.3 0.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 49.194 ug/l

RT: 8.57 min Scan# 726

Delta R.T. 0.03 min

Lab File: VD062785.D

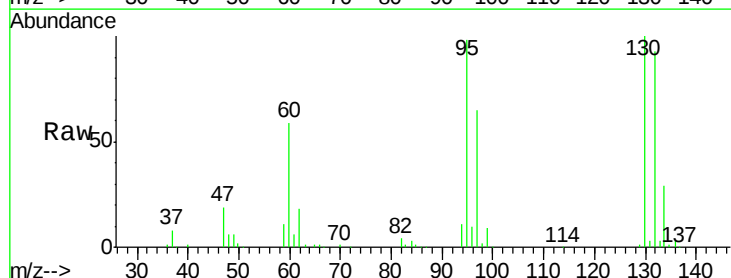
Acq: 20 Jun 2019 10:59

Tgt Ion:130 Resp: 489952

Ion Ratio Lower Upper

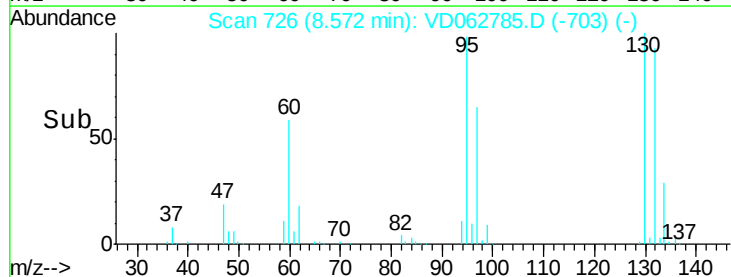
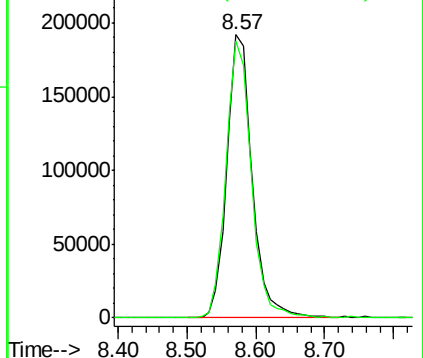
130 100

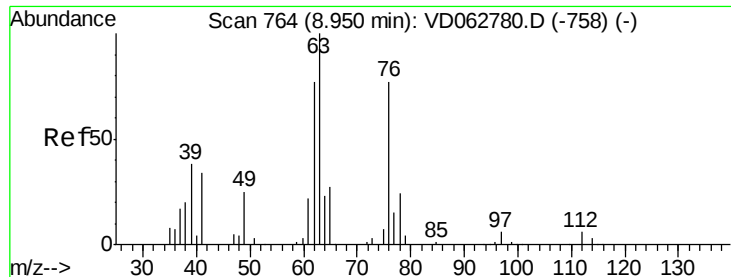
95 97.7 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 46.692 ug/l

RT: 8.98 min Scan# 767

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

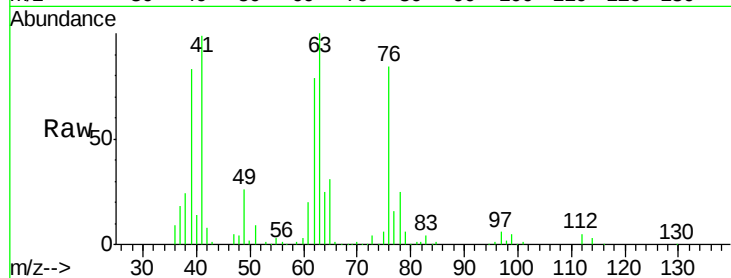
VSTDCCC050

Tot Ion: 63 Resp: 294955

Ion Ratio Lower Upper

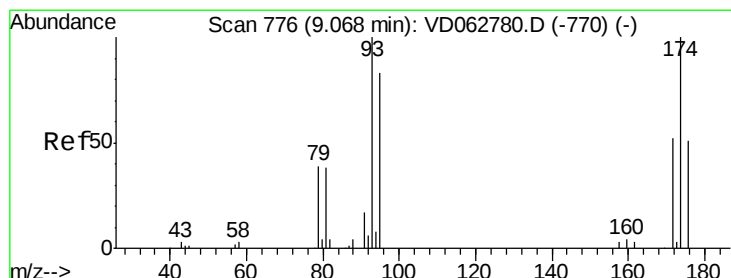
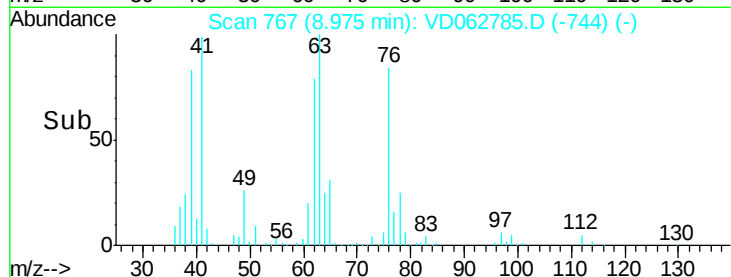
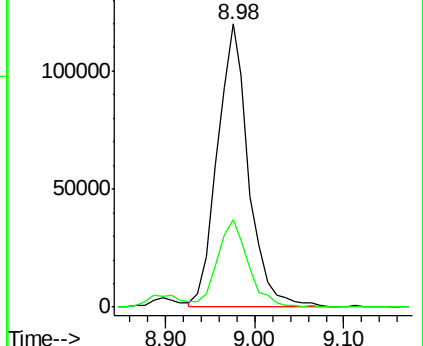
63 100

65 31.2 24.2 36.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 50.038 ug/l

RT: 9.10 min Scan# 780

Delta R.T. 0.04 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

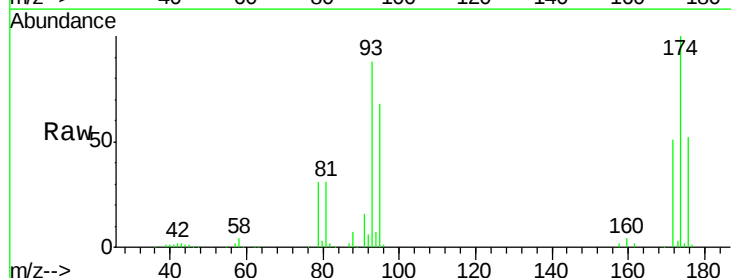
Tgt Ion: 93 Resp: 271528

Ion Ratio Lower Upper

93 100

95 77.8 66.6 100.0

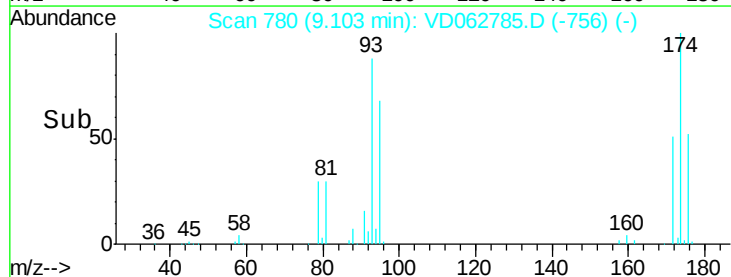
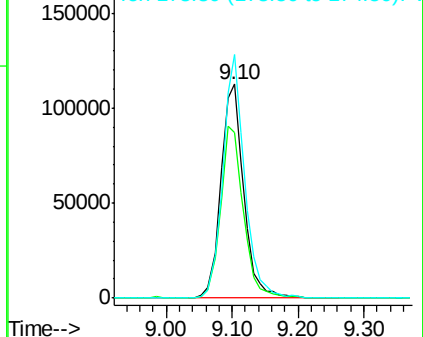
174 113.9 79.7 119.5

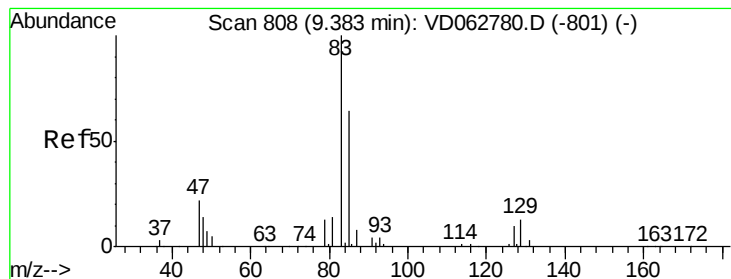


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 53.471 ug/l

RT: 9.41 min Scan# 811

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

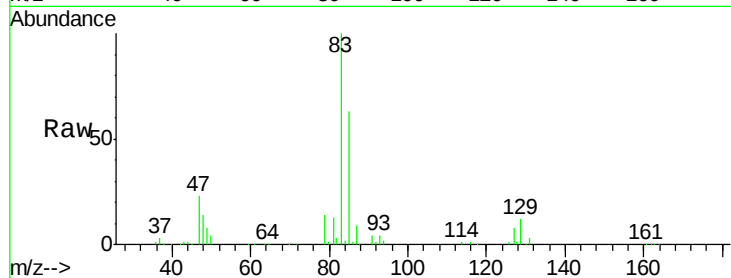
Tot Ion: 83 Resp: 753556

Ion Ratio Lower Upper

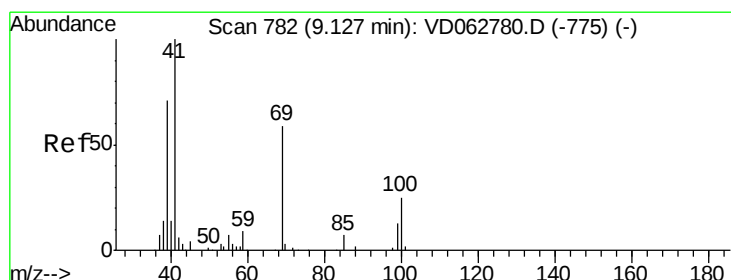
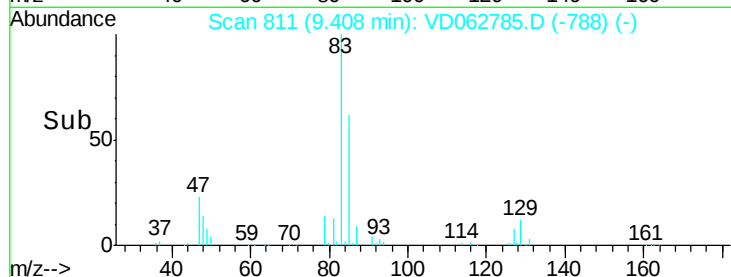
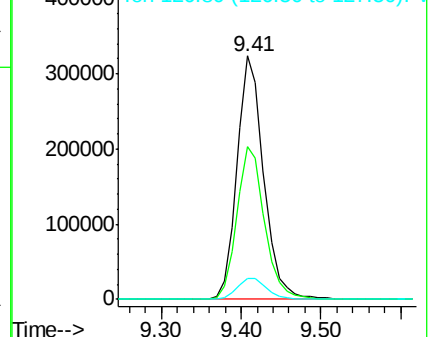
83 100

85 62.9 51.6 77.4

127 8.4 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 51.040 ug/l

RT: 9.15 min Scan# 785

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

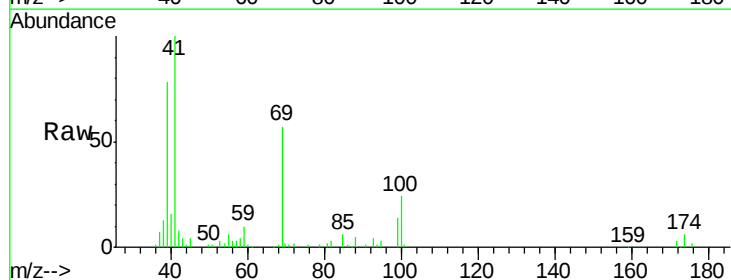
Tgt Ion: 41 Resp: 240662

Ion Ratio Lower Upper

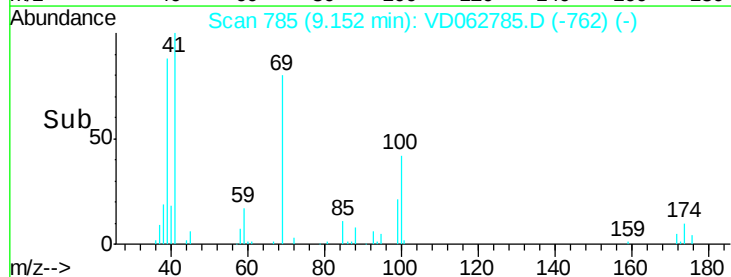
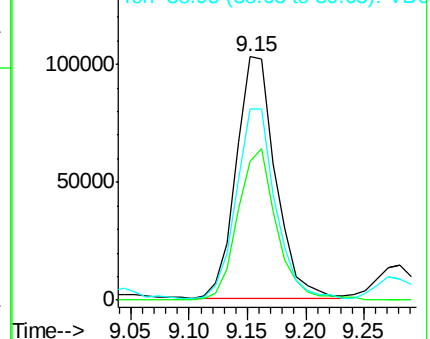
41 100

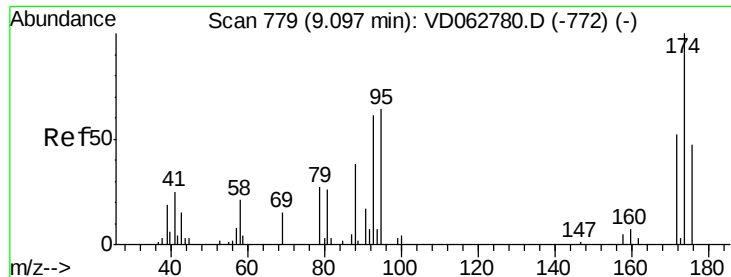
69 56.8 47.2 70.8

39 78.4 57.4 86.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

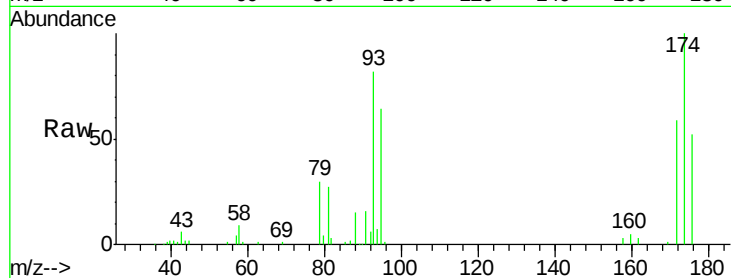




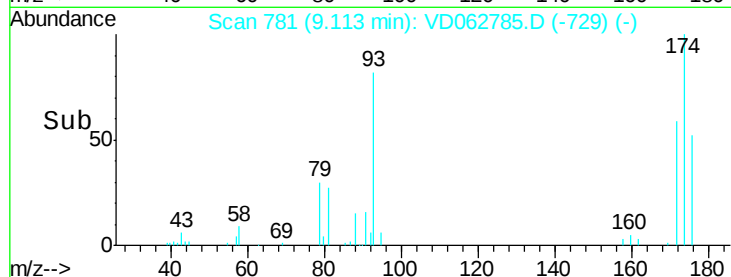
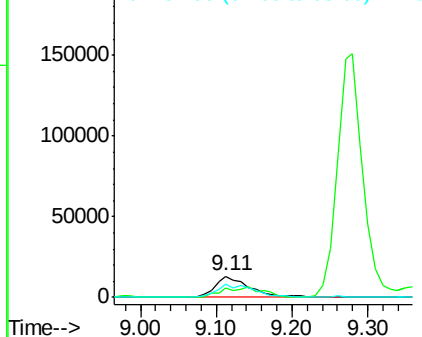
#49
1,4-Dioxane
Concen: 1039.839 ug/l
RT: 9.11 min Scan# 781
Delta R.T. 0.02 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 40791
Ion Ratio Lower Upper
88 100
43 41.2 32.1 48.1
58 62.0 44.1 66.1

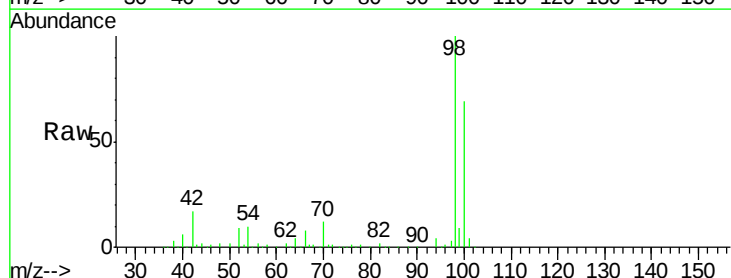


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

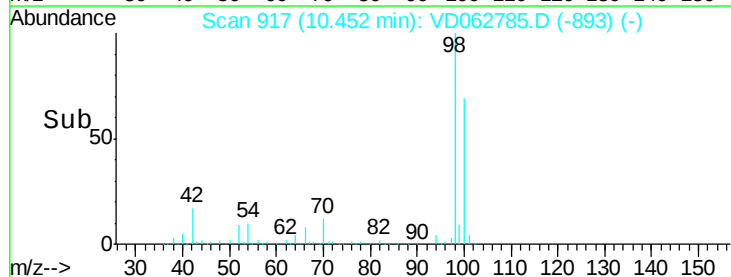
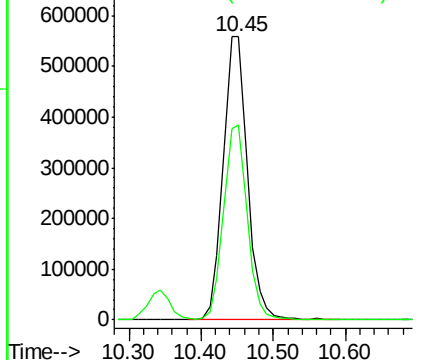


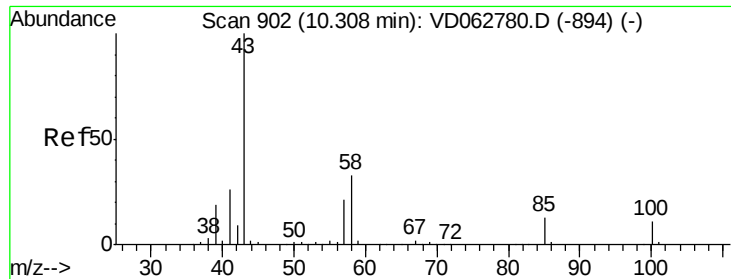
#50
Toluene-d8
Concen: 53.111 ug/l
RT: 10.45 min Scan# 917
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 98 Resp: 1303095
Ion Ratio Lower Upper
98 100
100 69.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 264.990 ug/l

RT: 10.33 min Scan# 905

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

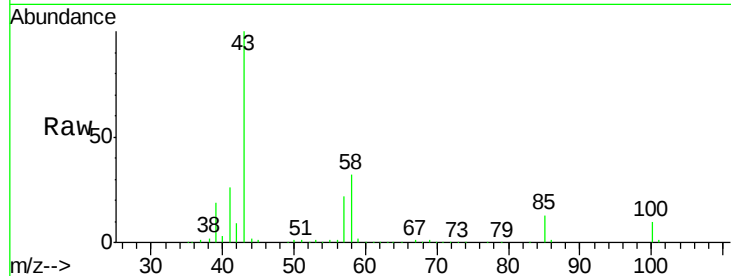
VSTDCCC050

Tot Ion: 43 Resp: 1246581

Ion Ratio Lower Upper

43 100

58 32.2 26.6 40.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.33

500000

400000

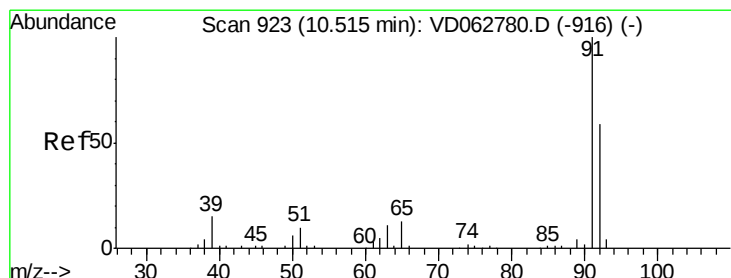
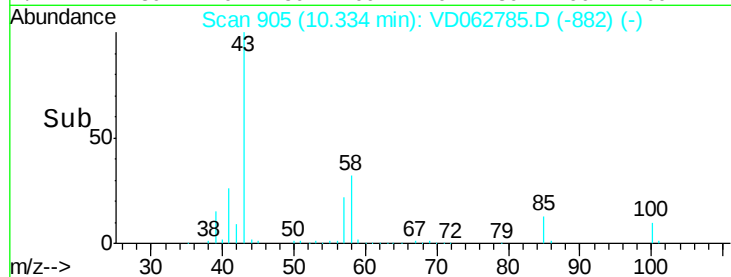
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.612 ug/l

RT: 10.55 min Scan# 927

Delta R.T. 0.04 min

Lab File: VD062785.D

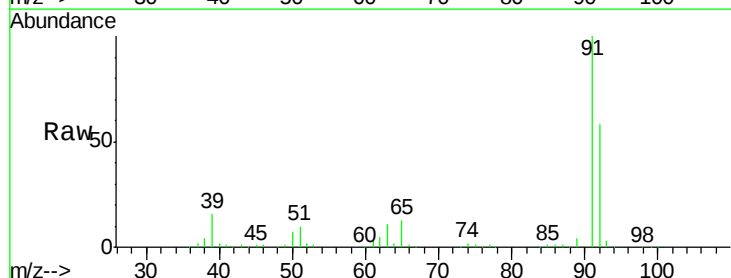
Acq: 20 Jun 2019 10:59

Tgt Ion: 92 Resp: 847218

Ion Ratio Lower Upper

92 100

91 171.2 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.55

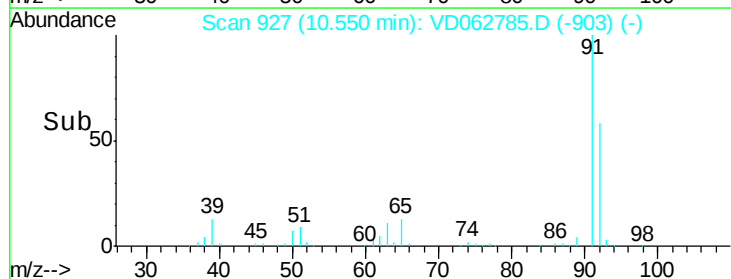
600000

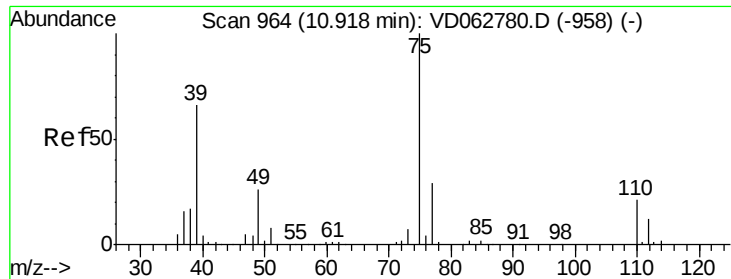
400000

200000

0

Time-->

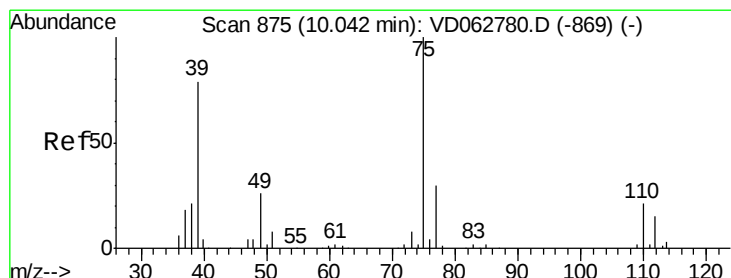
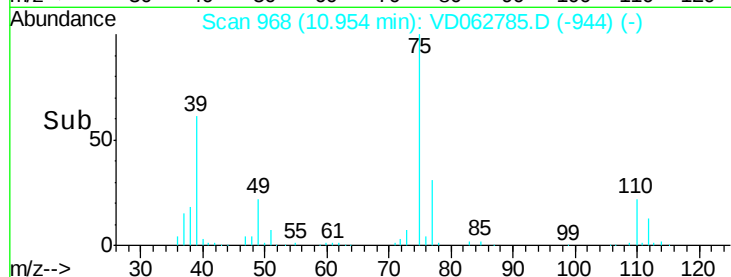
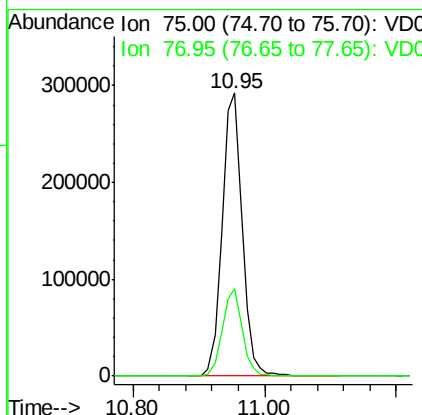
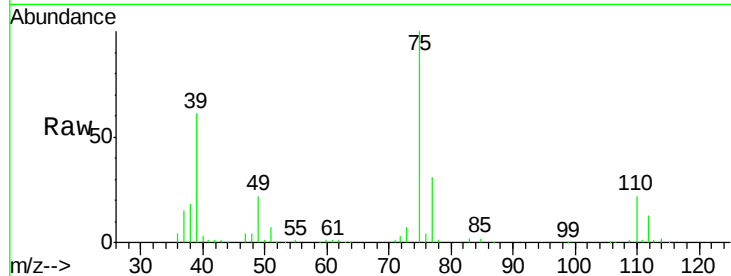




#53
t-1,3-Dichloropropene
Concen: 53.970 ug/l
RT: 10.95 min Scan# 968
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

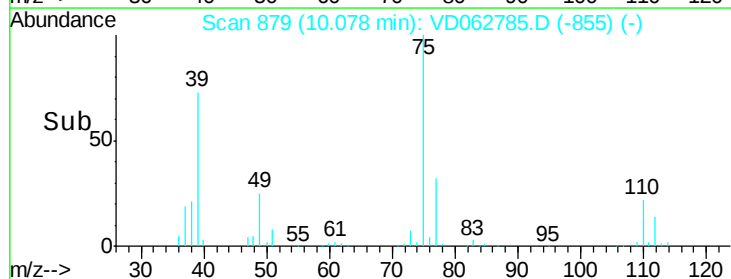
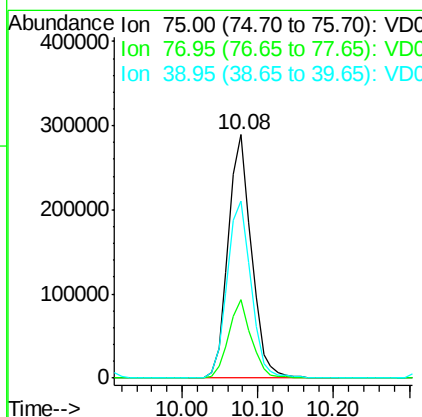
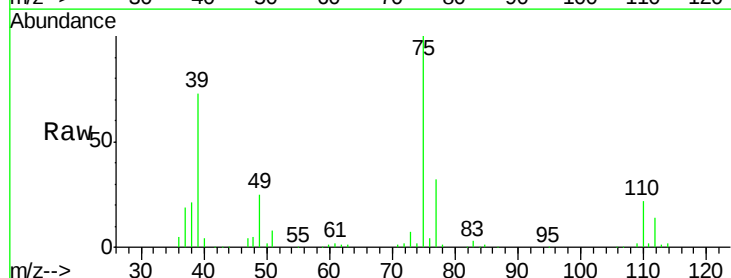
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

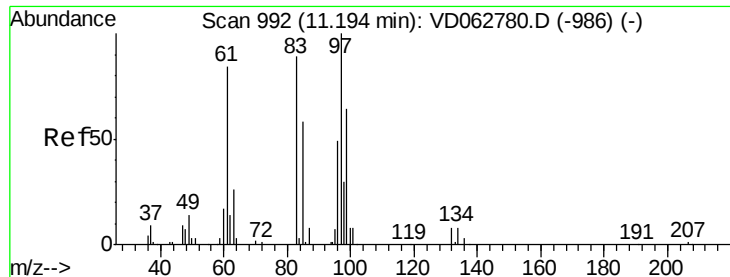
Tot Ion: 75 Resp: 622533
Ion Ratio Lower Upper
75 100
77 31.0 23.2 34.8



#54
cis-1,3-Dichloropropene
Concen: 49.023 ug/l
RT: 10.08 min Scan# 879
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 75 Resp: 614621
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.2
39 72.7 63.5 95.3

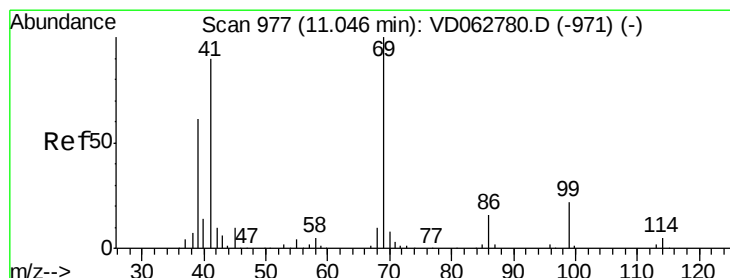
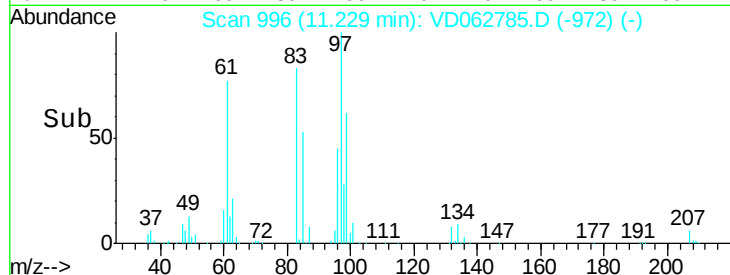
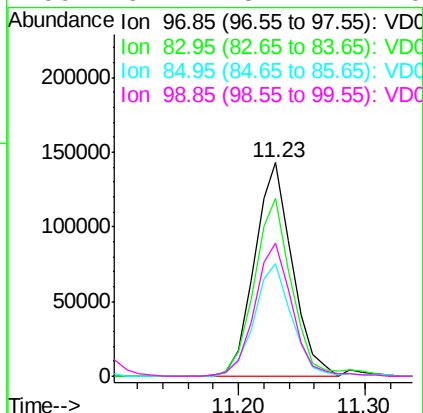
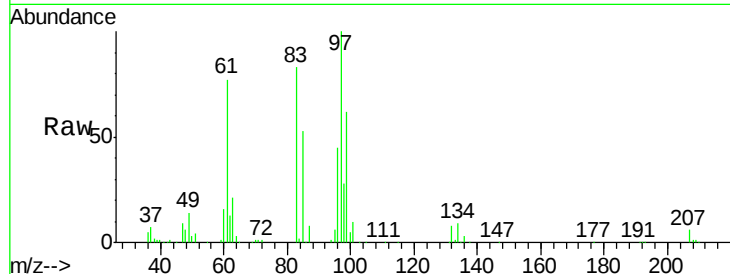




#55
 1,1,2-Trichloroethane
 Concen: 50.384 ug/l
 RT: 11.23 min Scan# 996
 Delta R.T. 0.04 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

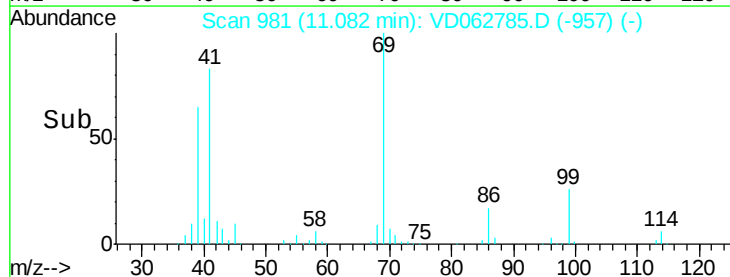
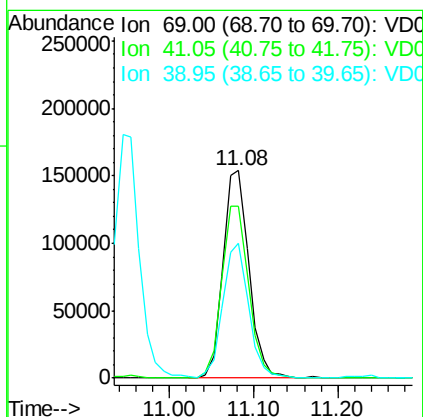
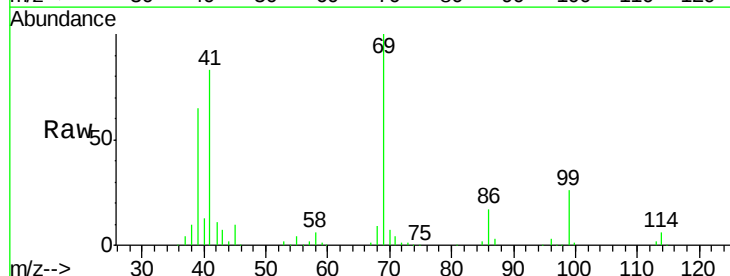
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

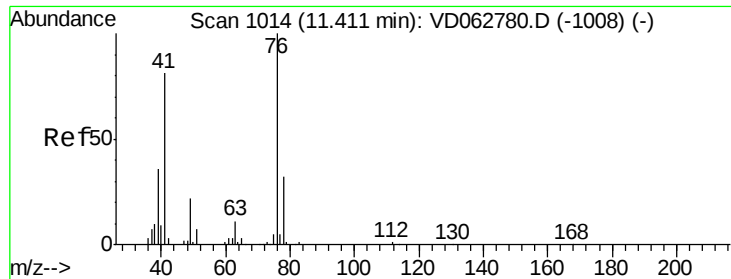
Tot Ion:	97	Resp:	295601
Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.0	106.4
85	52.9	46.6	69.8
99	62.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.412 ug/l
 RT: 11.08 min Scan# 981
 Delta R.T. 0.04 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion:	69	Resp:	328622
Ion	Ratio	Lower	Upper
69	100		
41	83.0	72.0	108.0
39	65.1	49.5	74.3

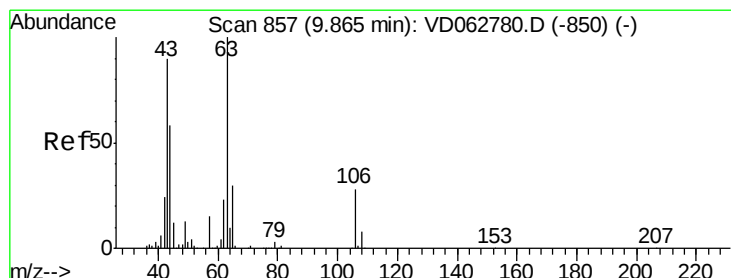
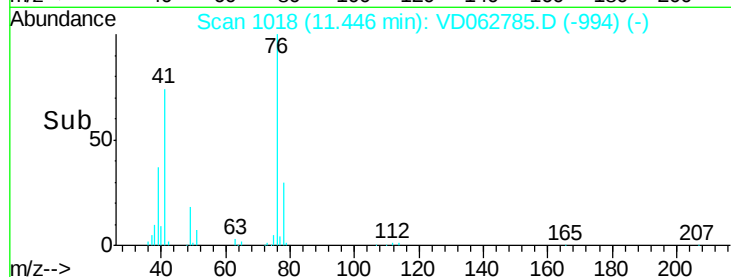
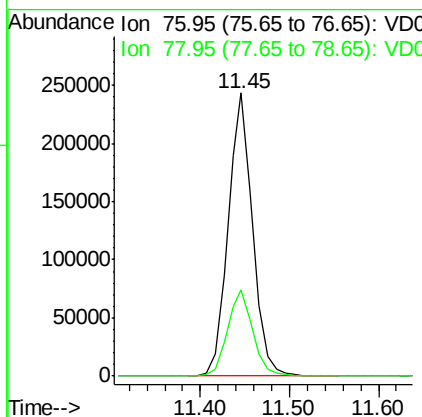
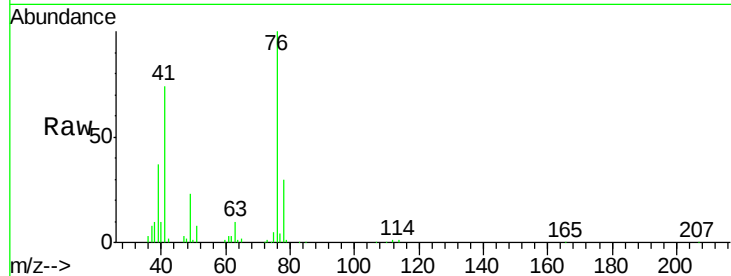




#57
 1,3-Dichloropropane
 Concen: 51.968 ug/l
 RT: 11.45 min Scan# 1018
 Delta R.T. 0.04 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

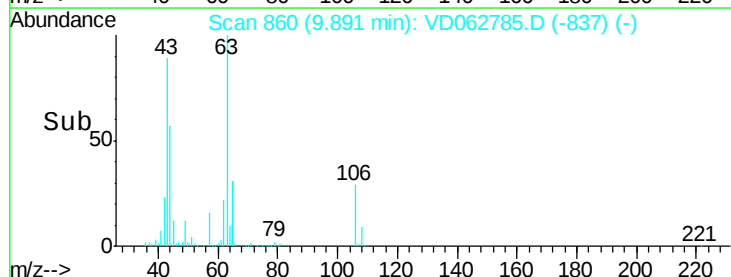
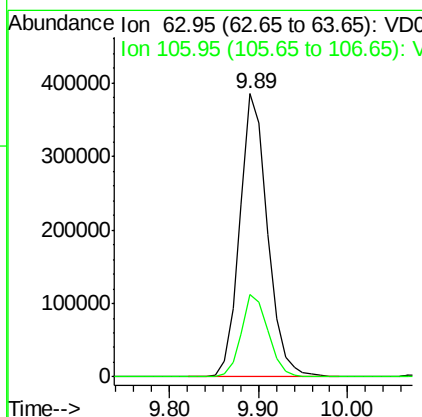
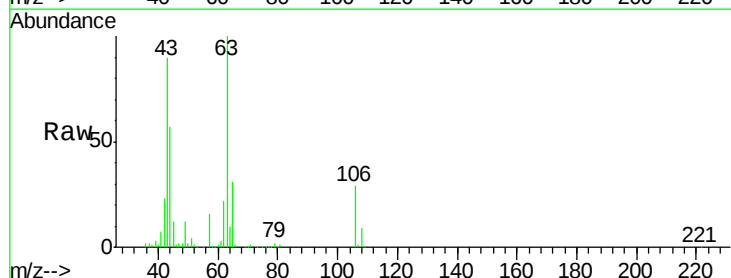
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 466845
 Ion Ratio Lower Upper
 76 100
 78 30.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.663 ug/l
 RT: 9.89 min Scan# 860
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 63 Resp: 832615
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.1 33.1

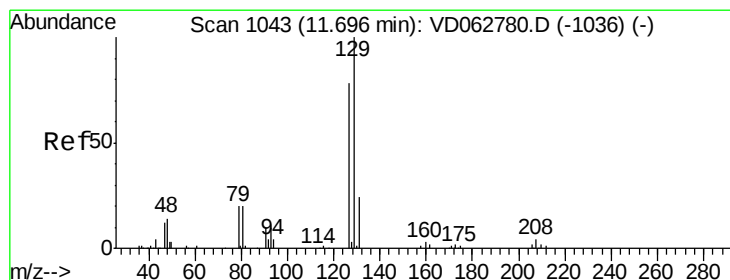
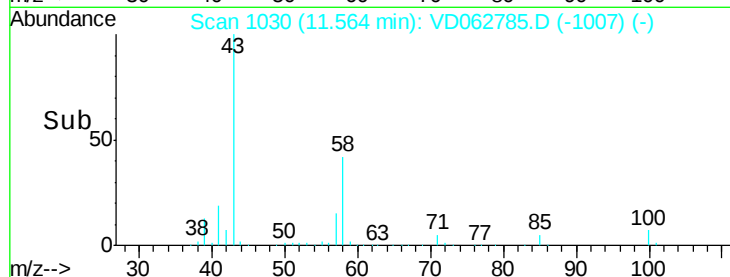
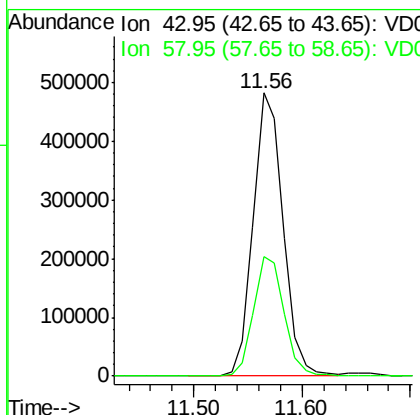
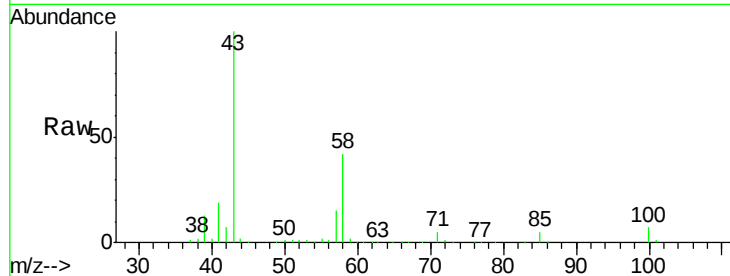




#59
2-Hexanone
Concen: 278.073 ug/l
RT: 11.56 min Scan# 1030
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

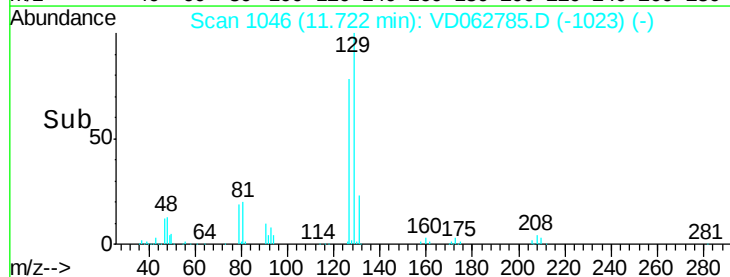
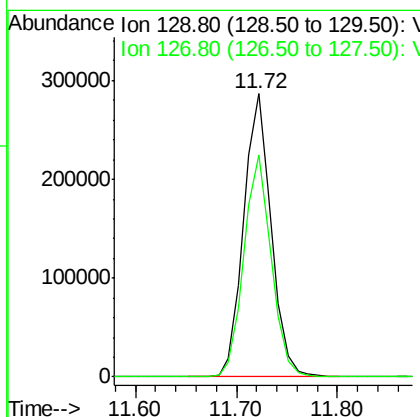
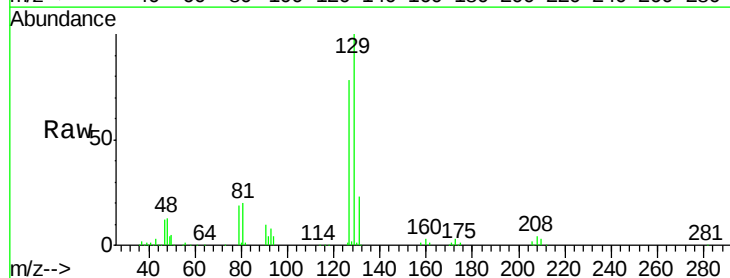
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

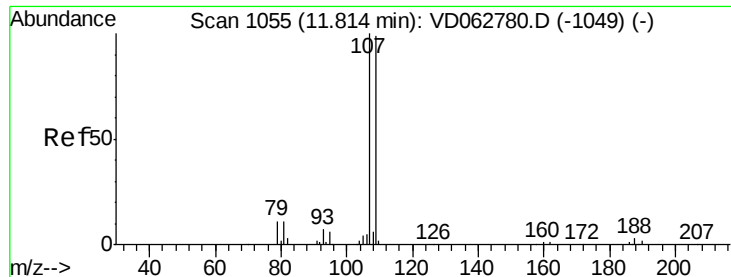
Tot Ion: 43 Resp: 931635
Ion Ratio Lower Upper
43 100
58 42.3 22.4 67.2



#60
Dibromochloromethane
Concen: 49.999 ug/l
RT: 11.72 min Scan# 1046
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 129 Resp: 546393
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6

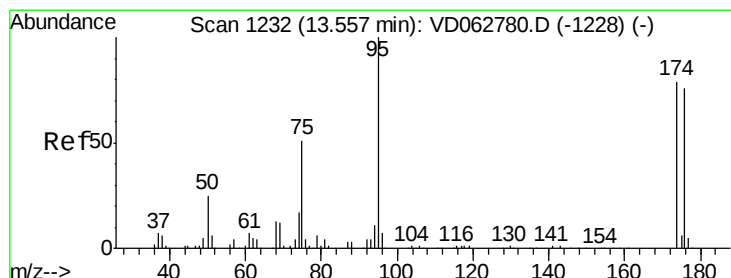
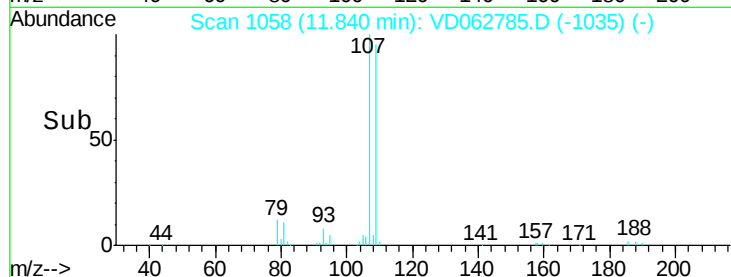
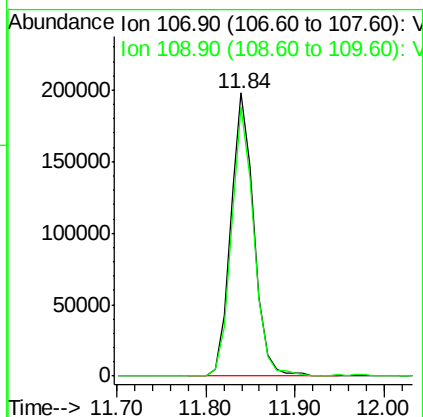
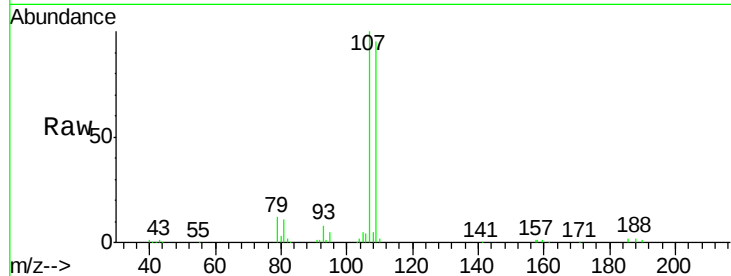




#61
 1,2-Dibromoethane
 Concen: 51.805 ug/l
 RT: 11.84 min Scan# 1058
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

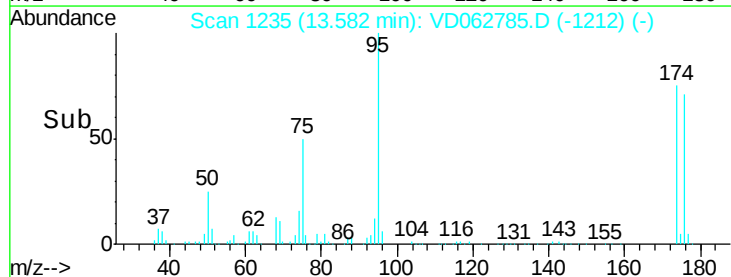
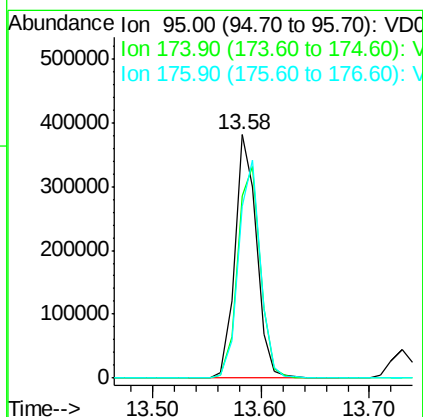
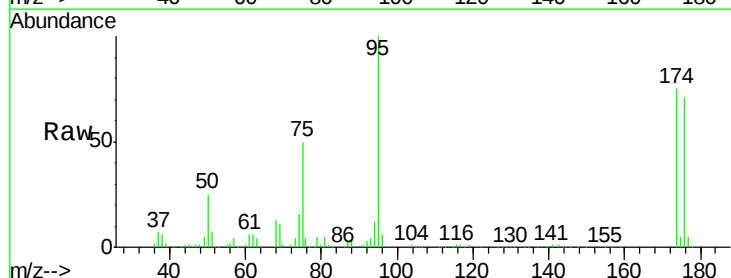
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

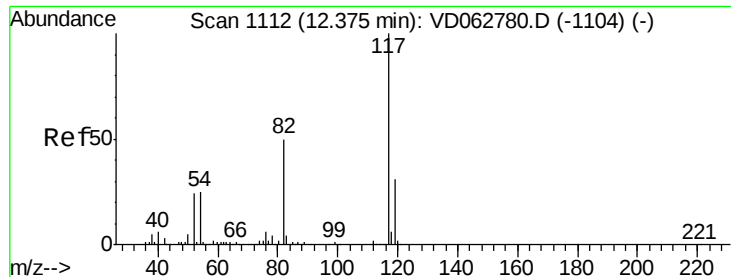
Tot Ion: 107 Resp: 358968
 Ion Ratio Lower Upper
 107 100
 109 95.1 79.3 118.9



#62
 4-Bromofluorobenzene
 Concen: 47.621 ug/l
 RT: 13.58 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 95 Resp: 531280
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 158.0
 176 70.6 0.0 151.6

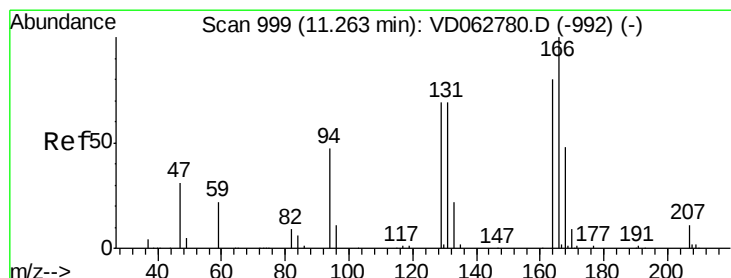
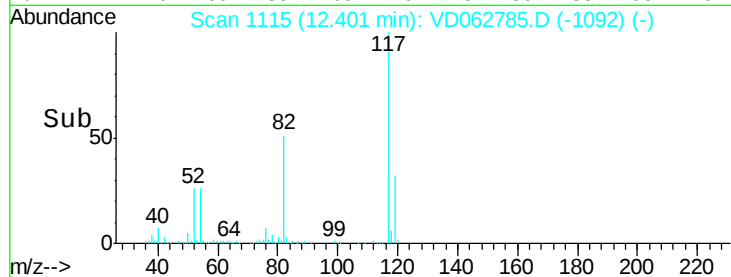
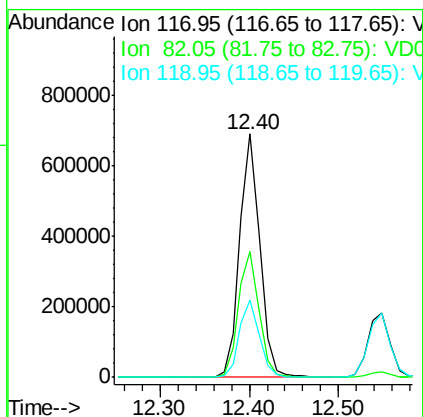
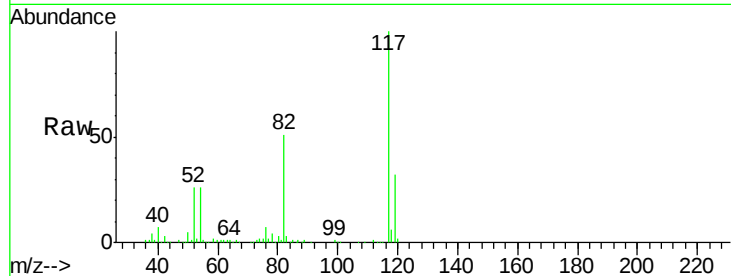




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

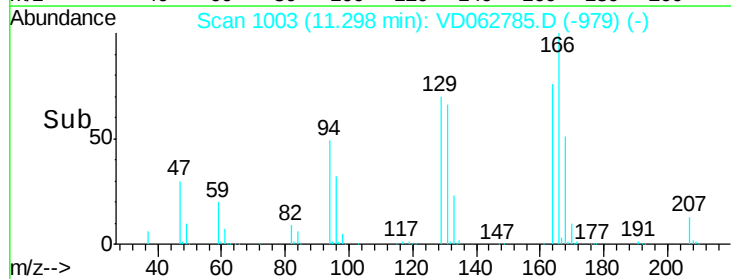
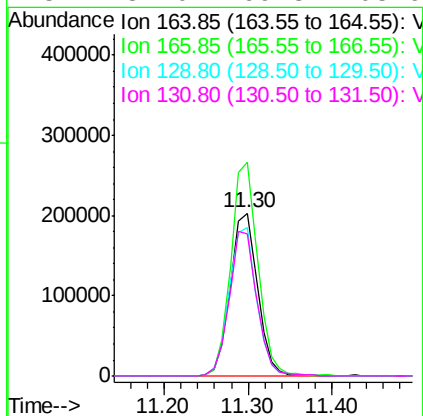
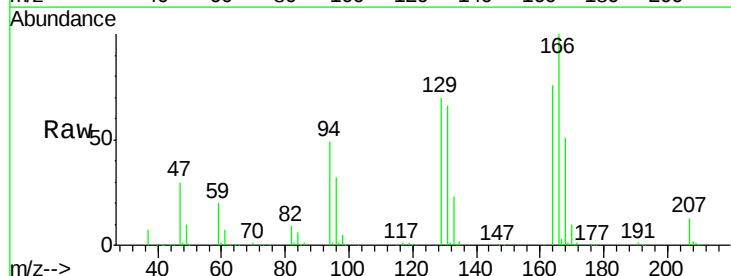
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

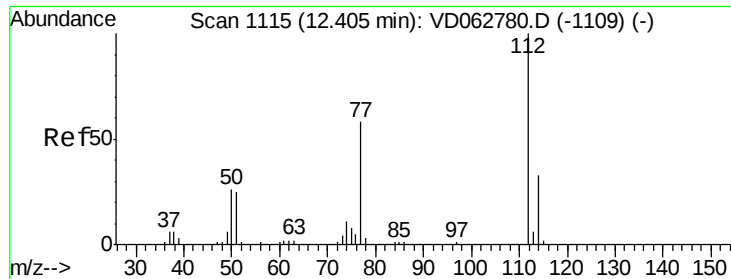
Tot Ion:117 Resp: 1094240
Ion Ratio Lower Upper
117 100
82 51.5 40.4 60.6
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 51.225 ug/l
RT: 11.30 min Scan# 1003
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:164 Resp: 461325
Ion Ratio Lower Upper
164 100
166 131.2 100.6 150.8
129 91.5 69.4 104.0
131 87.0 69.3 103.9

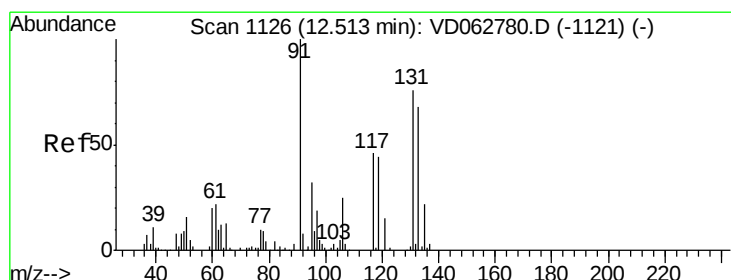
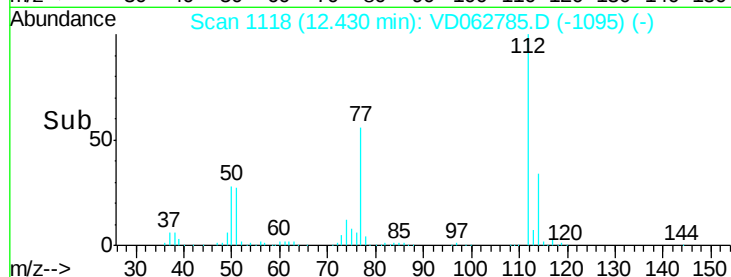
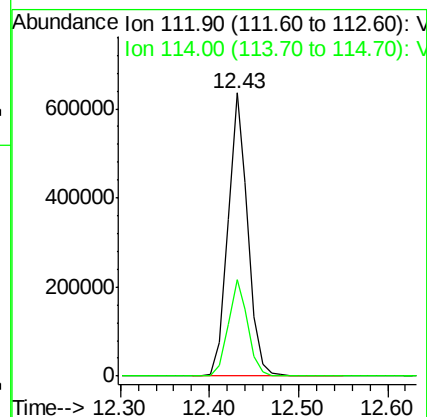
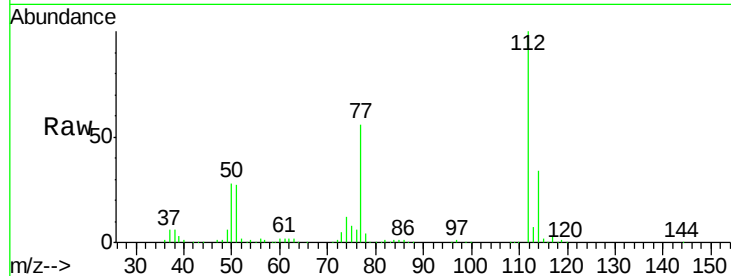




#65
Chlorobenzene
Concen: 48.910 ug/l
RT: 12.43 min Scan# 1118
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

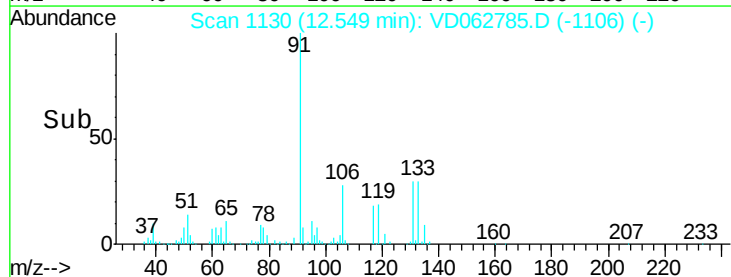
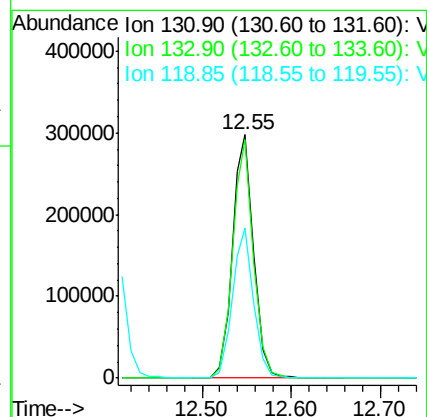
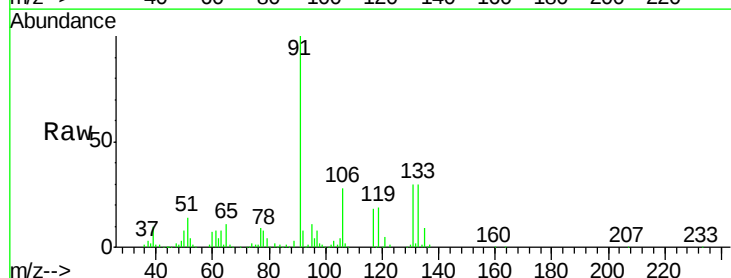
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 993255
Ion Ratio Lower Upper
112 100
114 34.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.513 ug/l
RT: 12.55 min Scan# 1130
Delta R.T. 0.04 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:131 Resp: 498721
Ion Ratio Lower Upper
131 100
133 97.8 44.5 133.3
119 61.6 28.6 85.9

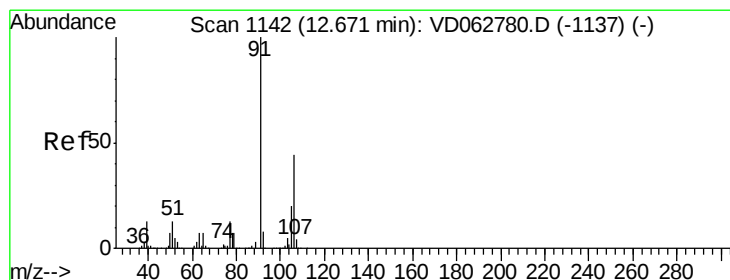
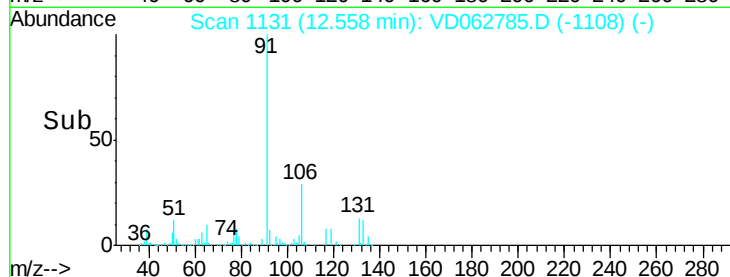
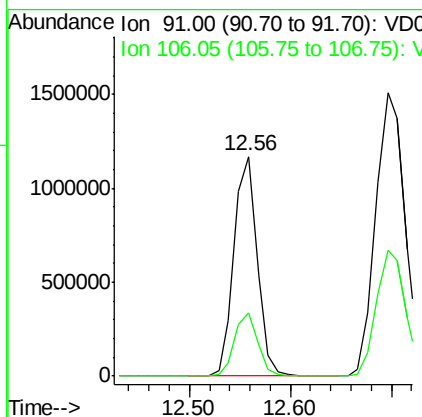
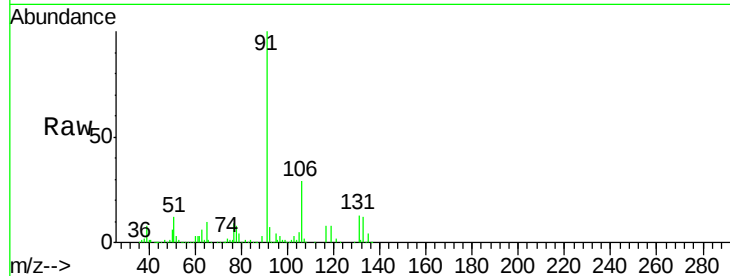




#67
Ethyl Benzene
Concen: 51.451 ug/l
RT: 12.56 min Scan# 1131
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

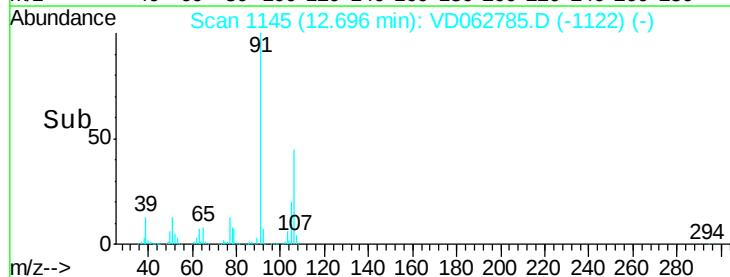
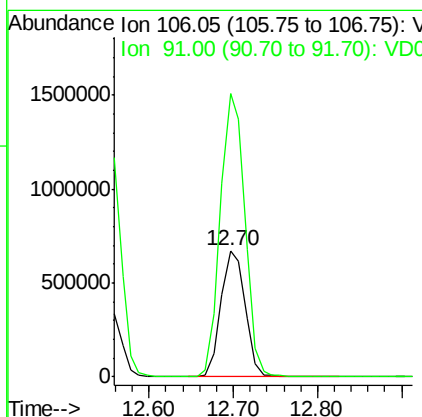
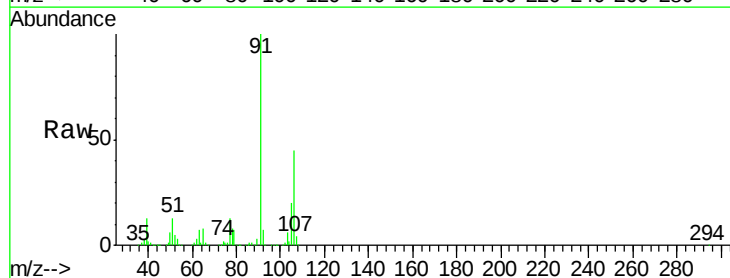
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1875922
Ion Ratio Lower Upper
91 100
106 29.0 23.1 34.7



#68
m/p-Xylenes
Concen: 105.720 ug/l
RT: 12.70 min Scan# 1145
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 106 Resp: 1342530
Ion Ratio Lower Upper
106 100
91 223.7 183.0 274.6

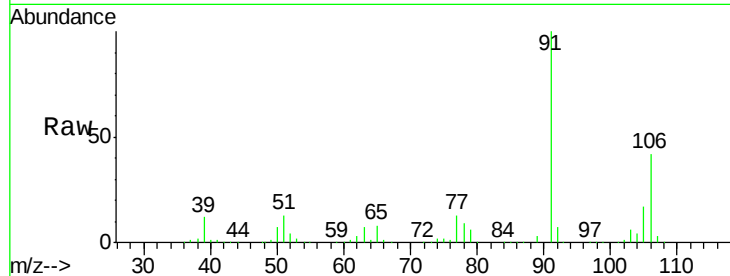




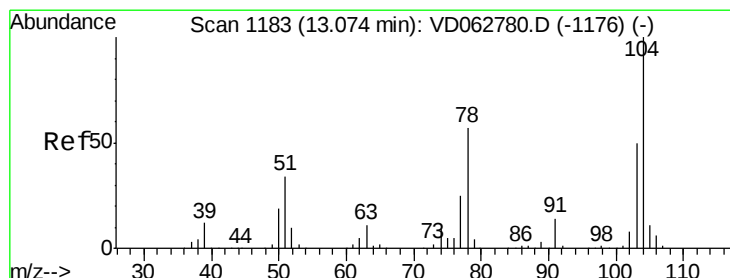
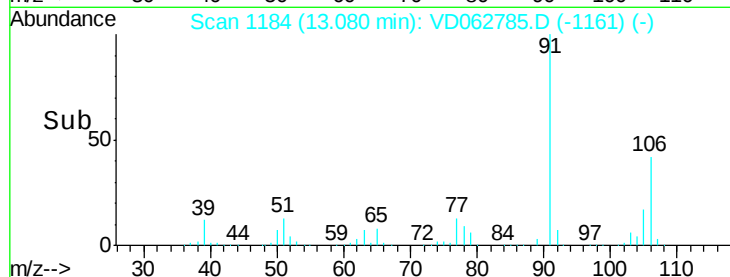
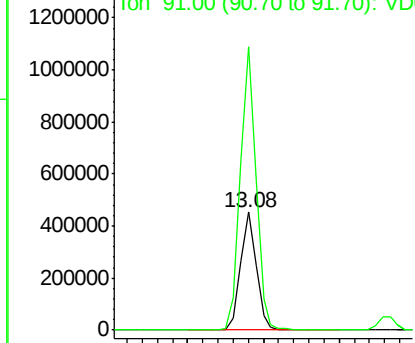
#69
o-Xylene
Concen: 55.738 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 647042
Ion Ratio Lower Upper
106 100
91 239.8 117.9 353.6

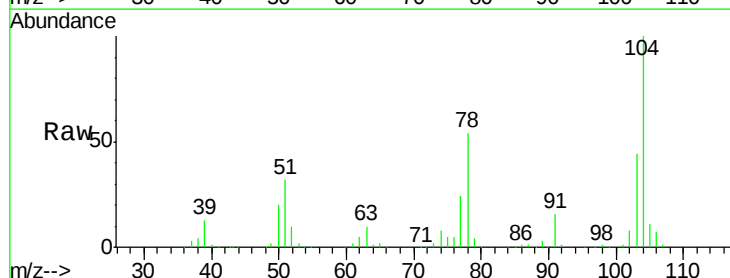


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

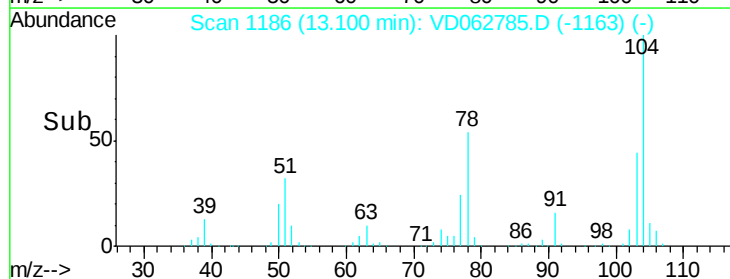
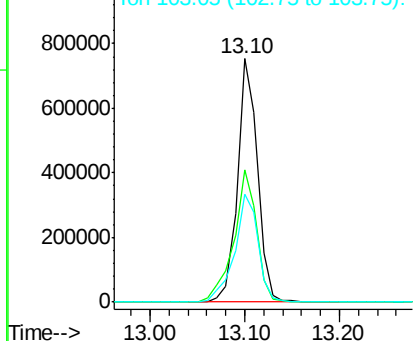


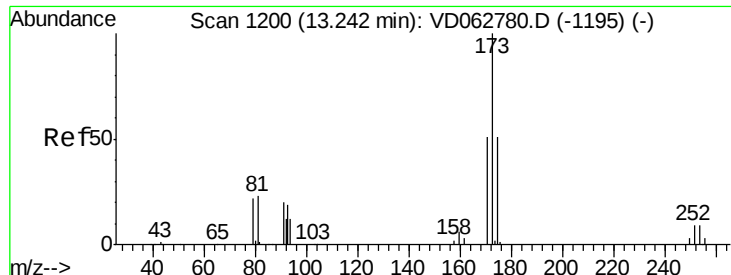
#70
Styrene
Concen: 54.061 ug/l
RT: 13.10 min Scan# 1186
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:104 Resp: 1102323
Ion Ratio Lower Upper
104 100
78 54.3 45.4 68.2
103 44.3 39.7 59.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 56.511 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

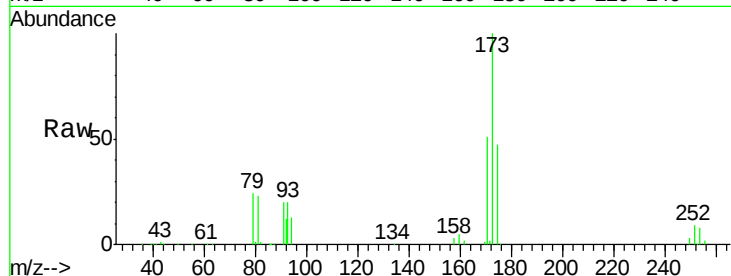
Tot Ion:173 Resp: 367713

Ion Ratio Lower Upper

173 100

175 46.6 25.3 75.9

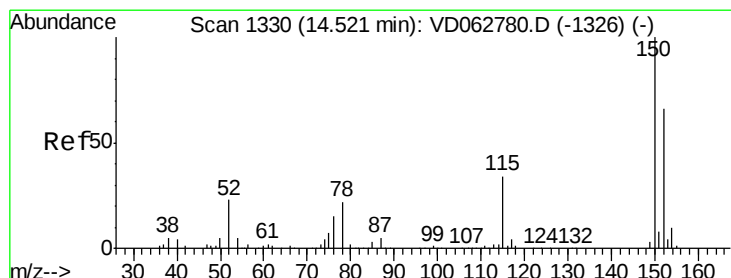
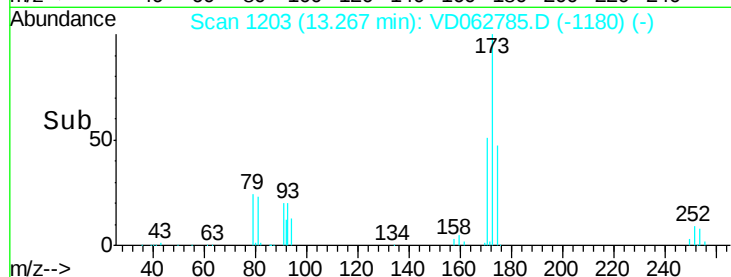
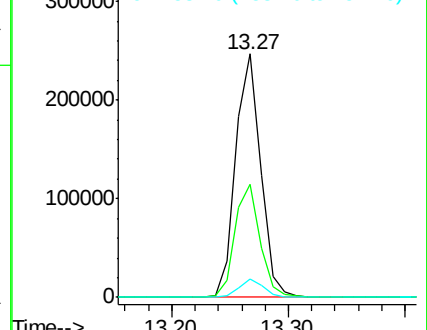
254 7.6 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.55 min Scan# 1333

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

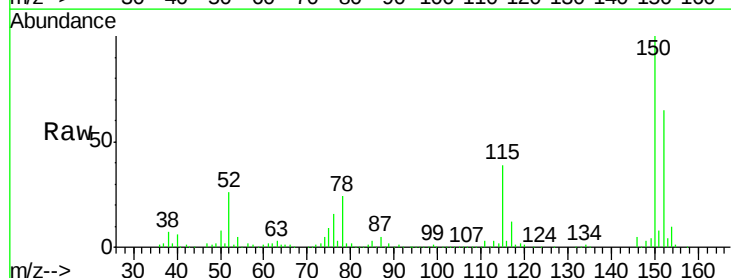
Tgt Ion:152 Resp: 625376

Ion Ratio Lower Upper

152 100

115 60.3 29.2 87.6

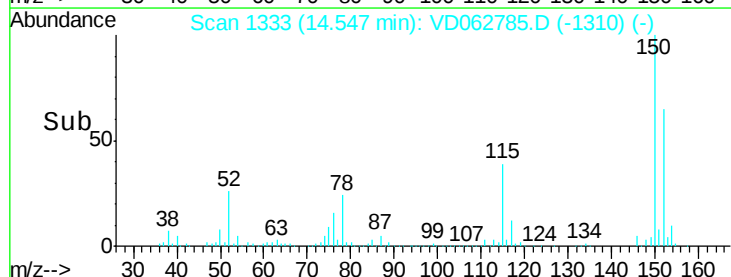
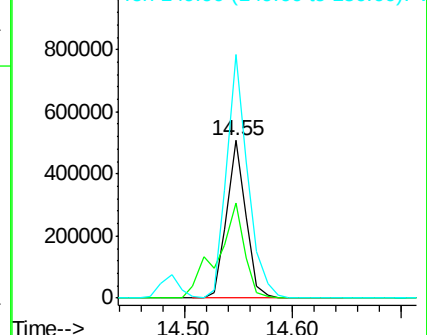
150 154.7 0.0 305.8

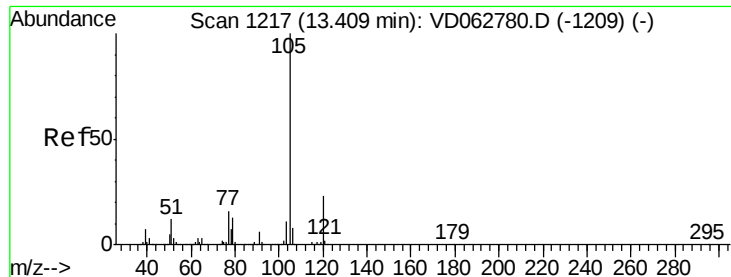


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.204 ug/l

RT: 13.43 min Scan# 1220

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

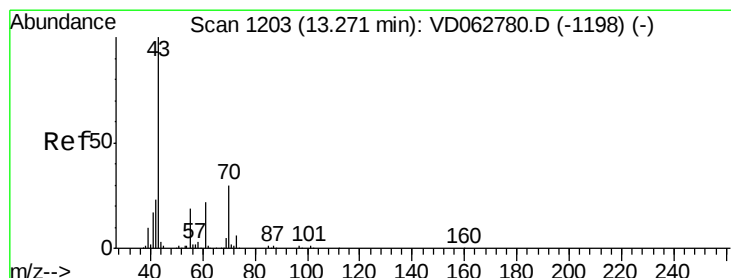
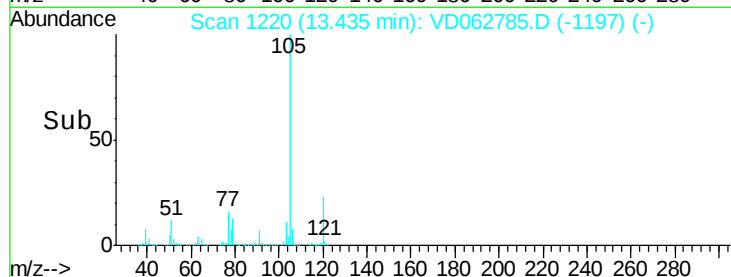
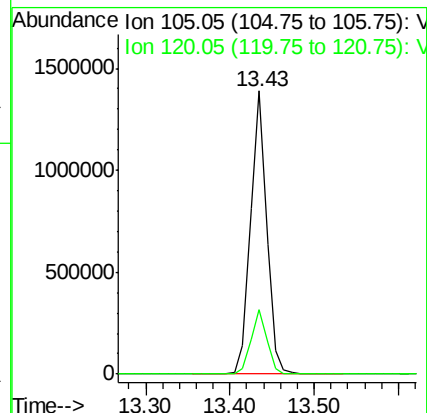
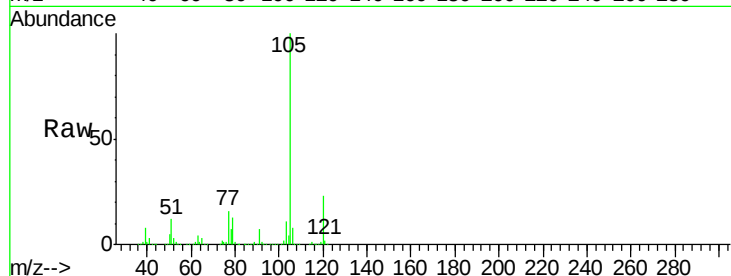
VSTDCCC050

Tot Ion:105 Resp: 1852693

Ion Ratio Lower Upper

105 100

120 22.8 11.6 34.7



#74

N-ethyl acetate

Concen: 52.305 ug/l

RT: 13.30 min Scan# 1206

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Tgt Ion: 43 Resp: 509331

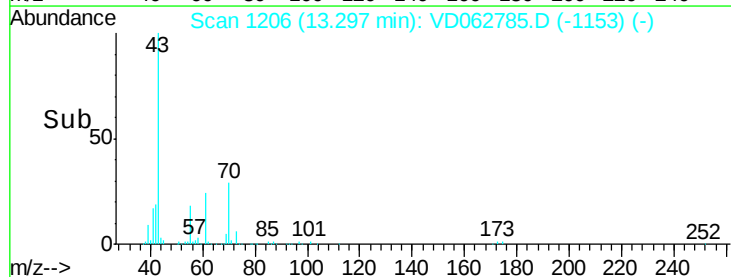
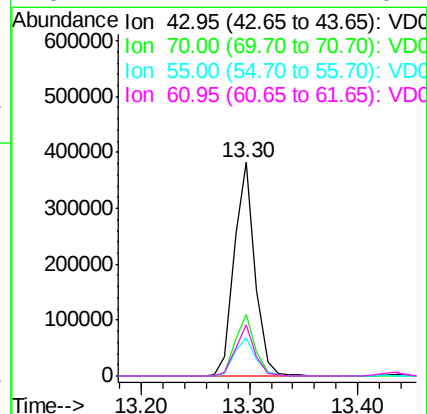
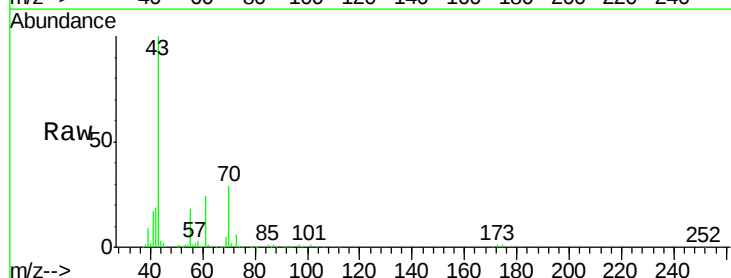
Ion Ratio Lower Upper

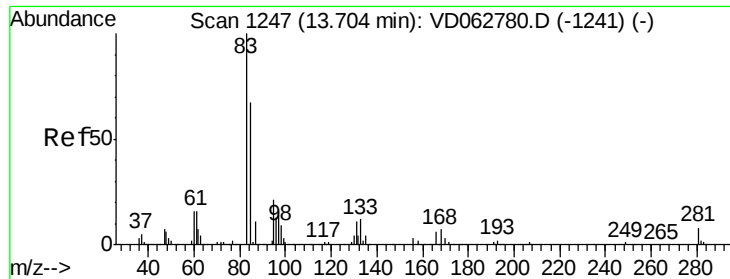
43 100

70 28.7 24.4 36.6

55 17.8 15.2 22.8

61 24.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.387 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

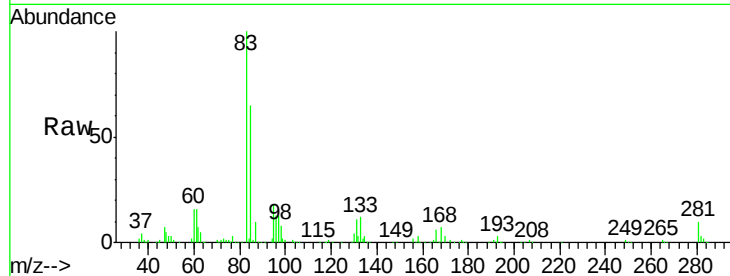
Tot Ion: 83 Resp: 322661

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

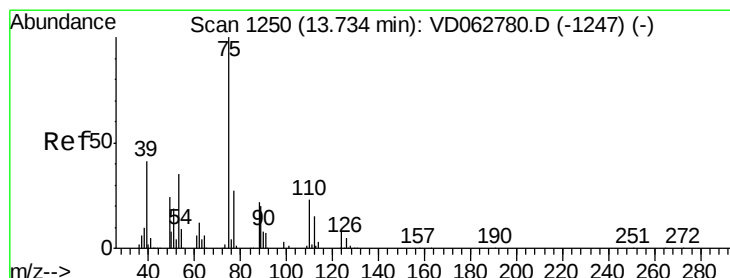
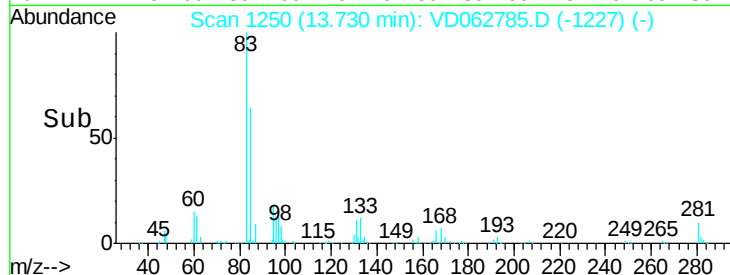
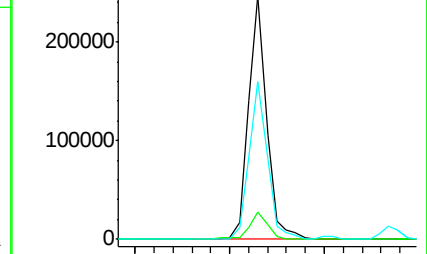
85 64.6 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.672 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.03 min

Lab File: VD062785.D

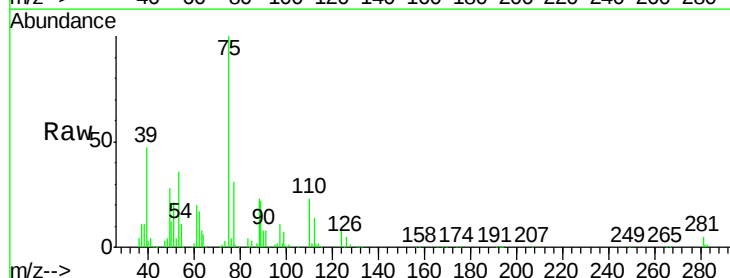
Acq: 20 Jun 2019 10:59

Tgt Ion: 75 Resp: 365829

Ion Ratio Lower Upper

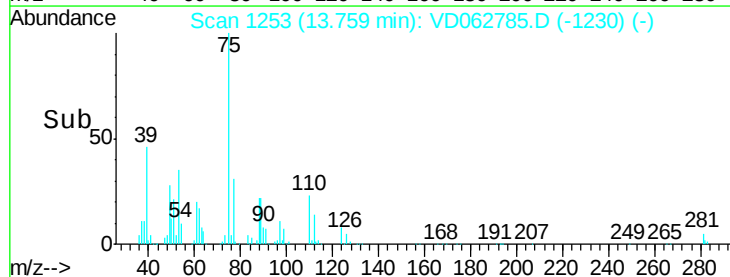
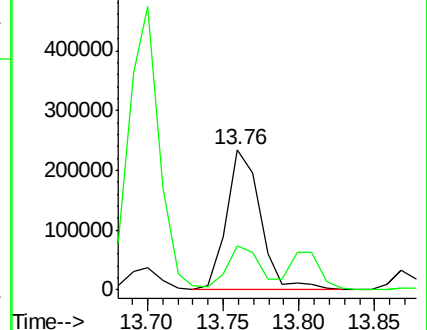
75 100

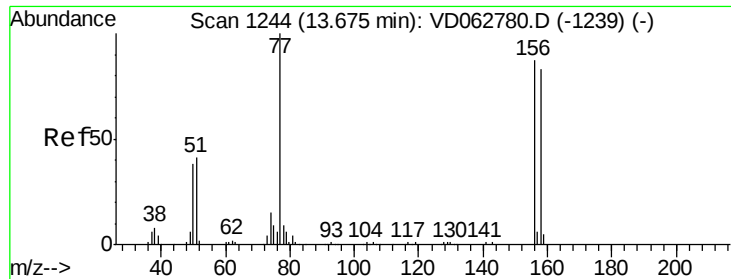
77 31.3 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 48.652 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

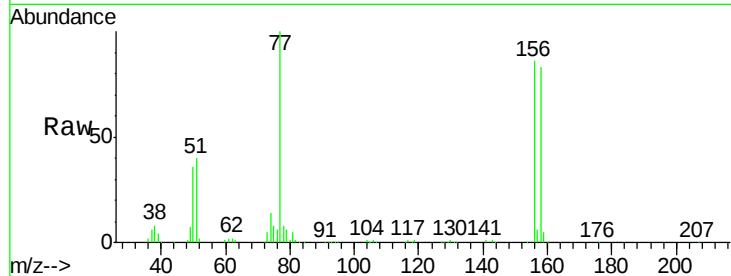
Tot Ion:156 Resp: 524716

Ion Ratio Lower Upper

156 100

77 116.2 57.7 173.1

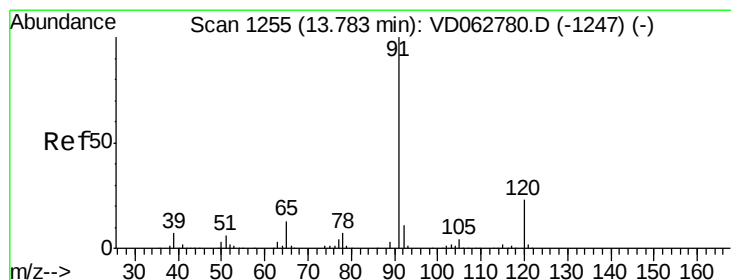
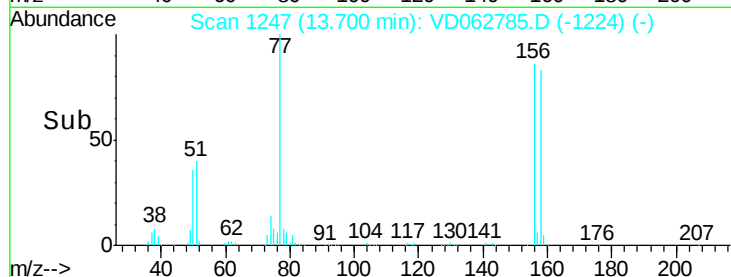
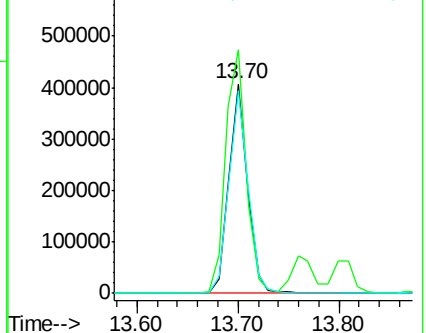
158 96.6 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 47.328 ug/l

RT: 13.81 min Scan# 1258

Delta R.T. 0.03 min

Lab File: VD062785.D

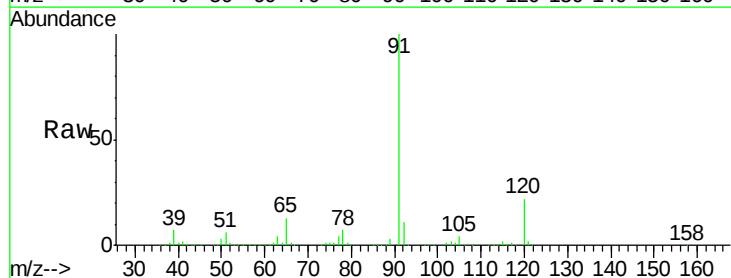
Acq: 20 Jun 2019 10:59

Tgt Ion: 91 Resp: 2208800

Ion Ratio Lower Upper

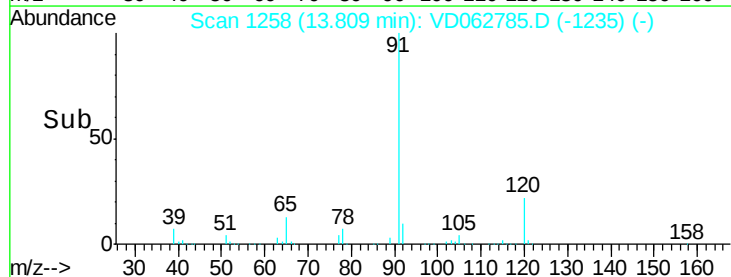
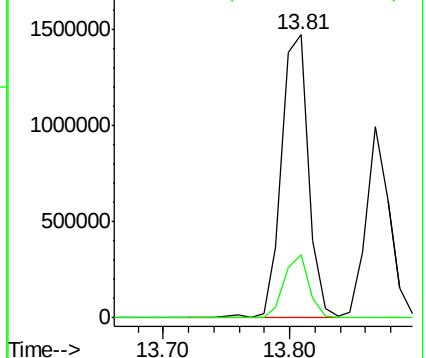
91 100

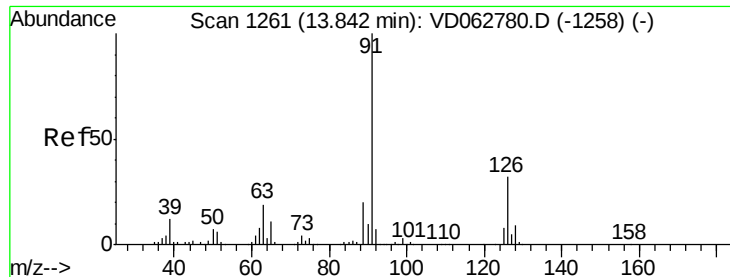
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

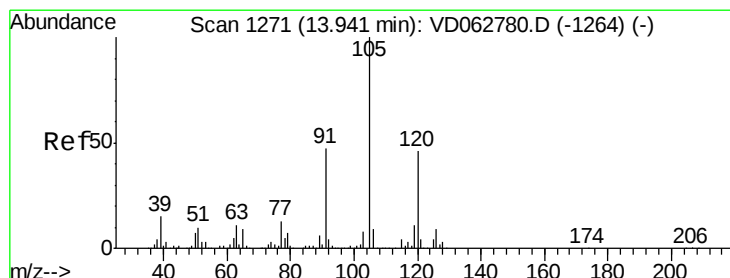
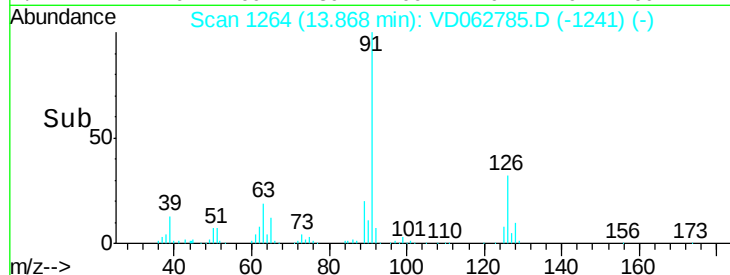
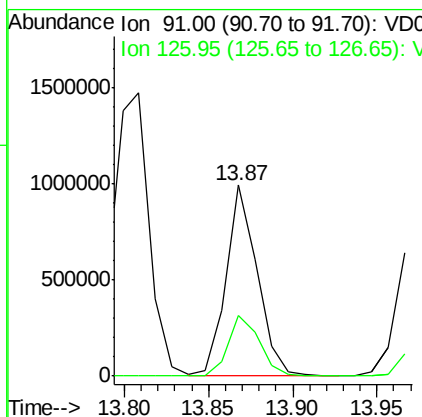
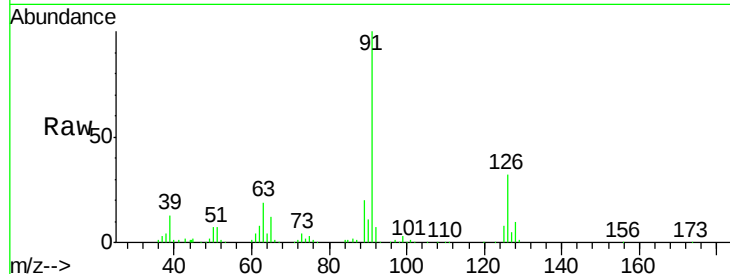




#79
 2-Chlorotoluene
 Concen: 47.062 ug/l
 RT: 13.87 min Scan# 1264
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

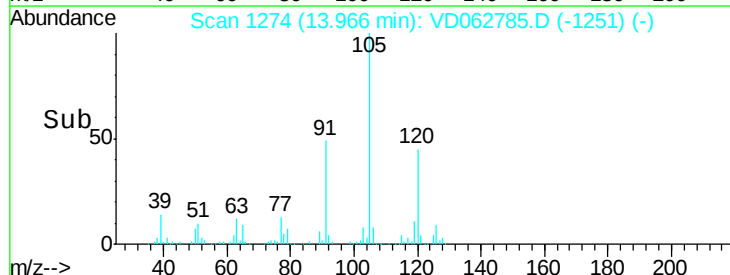
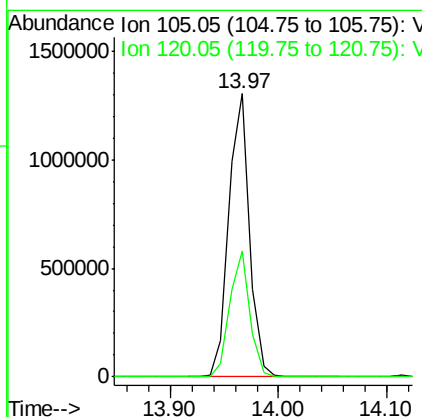
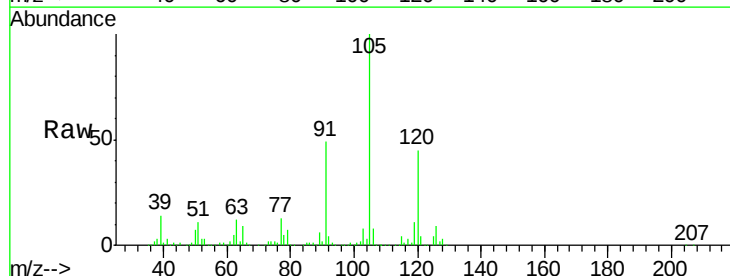
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1255188
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.298 ug/l
 RT: 13.97 min Scan# 1274
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 105 Resp: 1727747
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.180 ug/l

RT: 13.50 min Scan# 1227

Delta R.T. 0.03 min

Lab File: VD062785.D

Acq: 20 Jun 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

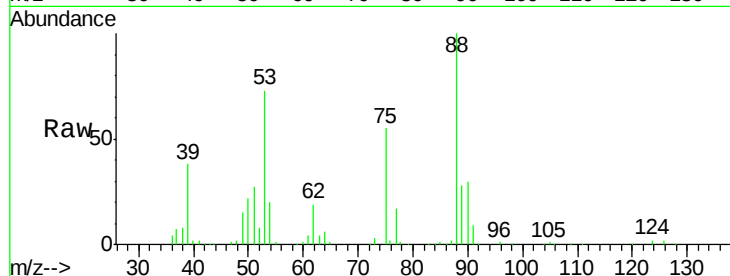
Tot Ion: 75 Resp: 98731

Ion Ratio Lower Upper

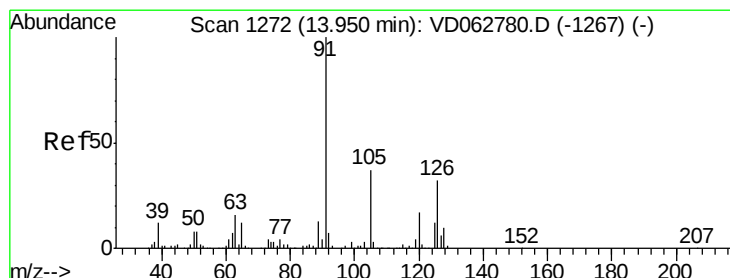
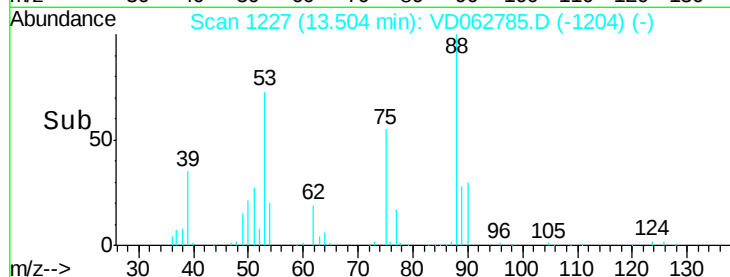
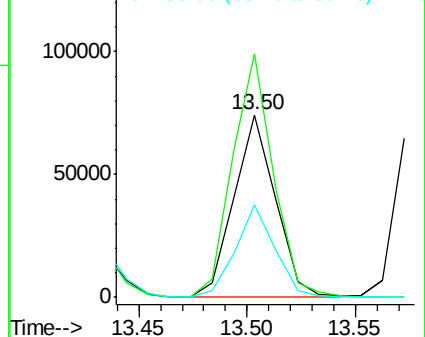
75 100

53 133.4 97.8 146.8

89 51.0 39.4 59.2



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 50.721 ug/l

RT: 13.98 min Scan# 1275

Delta R.T. 0.03 min

Lab File: VD062785.D

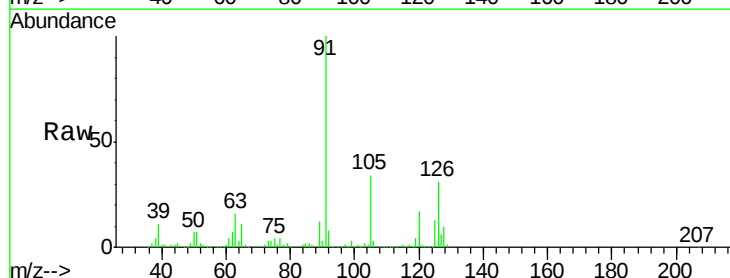
Acq: 20 Jun 2019 10:59

Tgt Ion: 91 Resp: 1628647

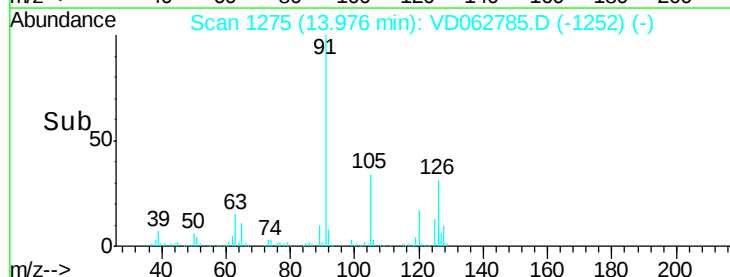
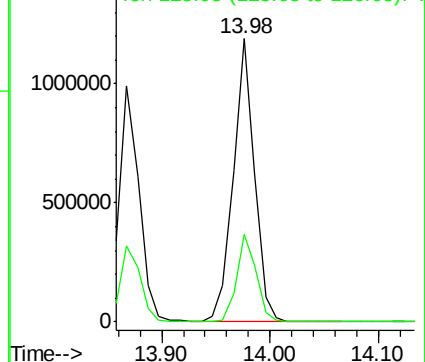
Ion Ratio Lower Upper

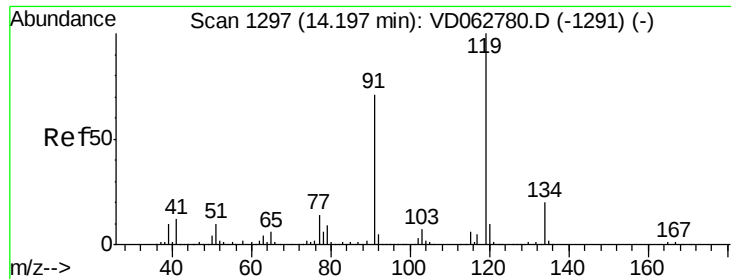
91 100

126 30.8 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

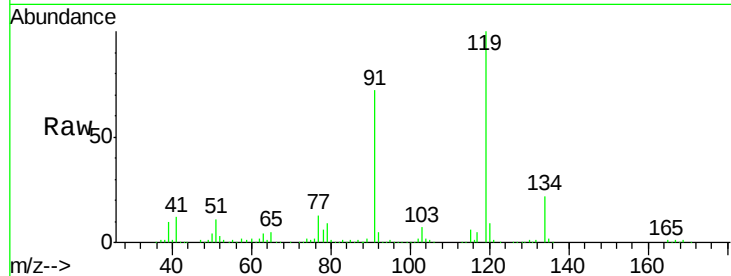




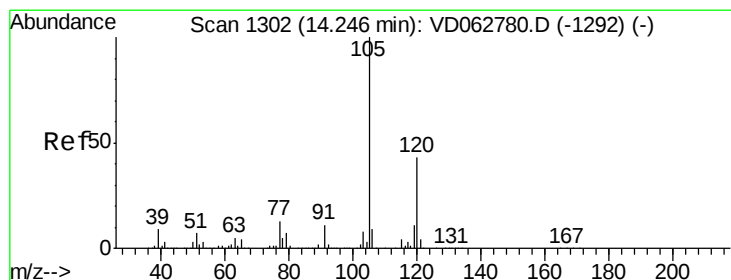
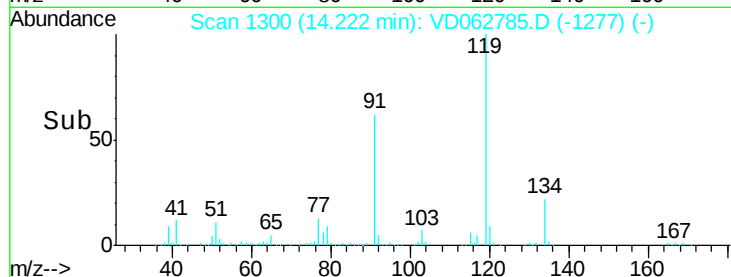
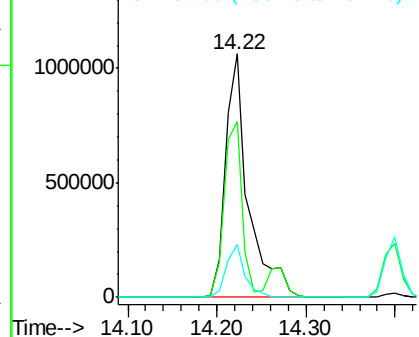
#83
tert-Butylbenzene
Concen: 50.987 ug/l
RT: 14.22 min Scan# 1300
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 1914155
Ion Ratio Lower Upper
119 100
91 72.0 35.5 106.5
134 21.7 10.2 30.6

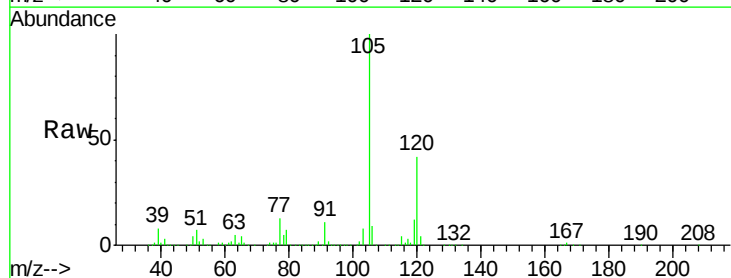


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

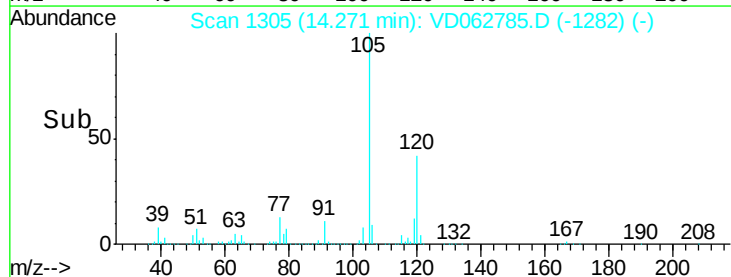
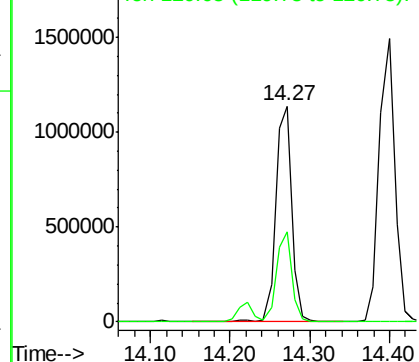


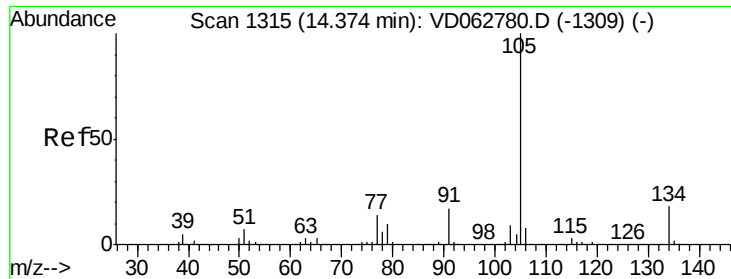
#84
1,2,4-Trimethylbenzene
Concen: 46.370 ug/l
RT: 14.27 min Scan# 1305
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:105 Resp: 1600752
Ion Ratio Lower Upper
105 100
120 41.8 21.3 63.9



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

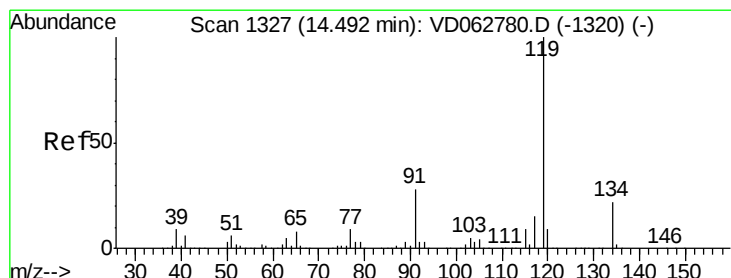
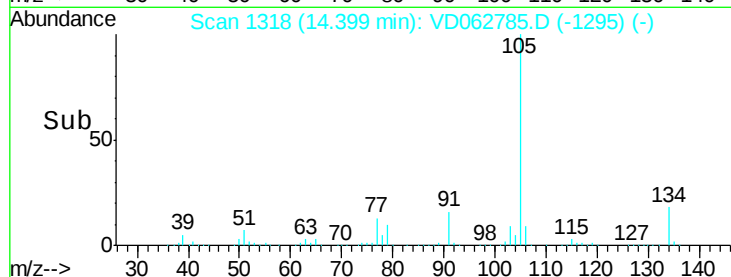
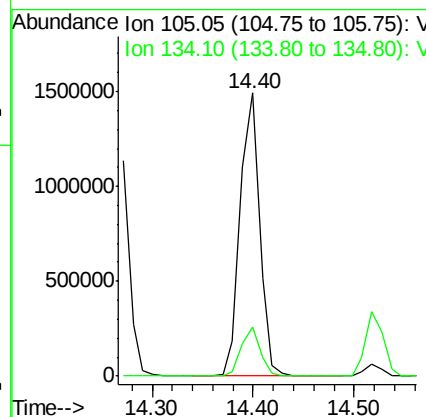
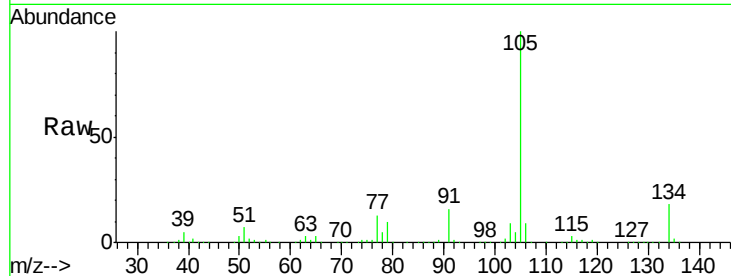




#85
 sec-Butylbenzene
 Concen: 49.040 ug/l
 RT: 14.40 min Scan# 1318
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

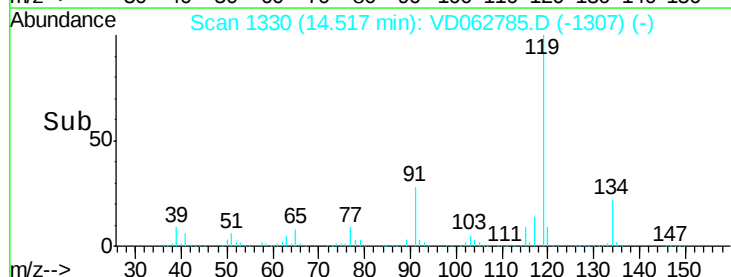
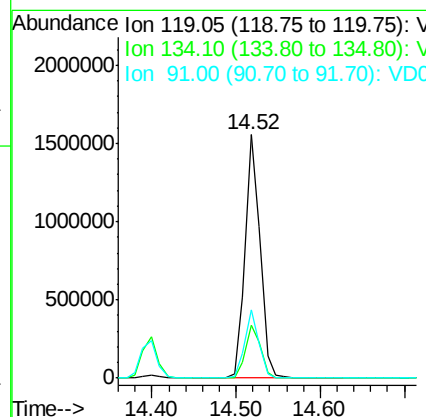
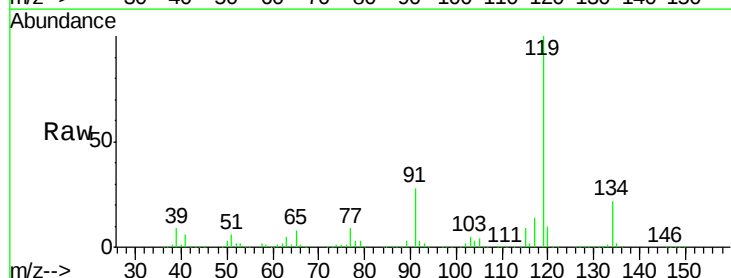
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

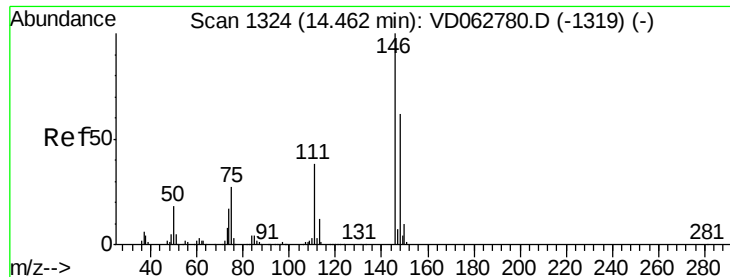
Tot Ion:105 Resp: 2000999
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 51.370 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion:119 Resp: 1917580
 Ion Ratio Lower Upper
 119 100
 134 21.7 11.1 33.1
 91 28.1 14.0 41.9

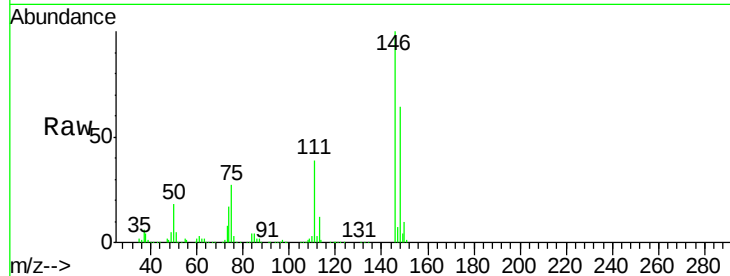




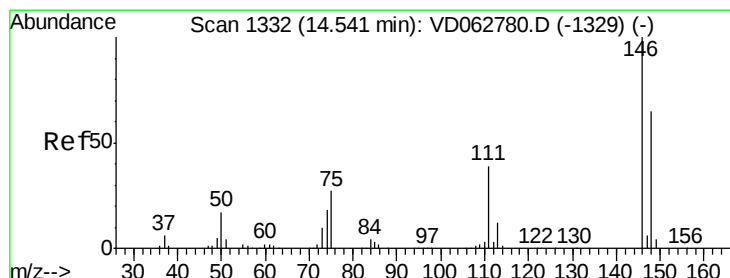
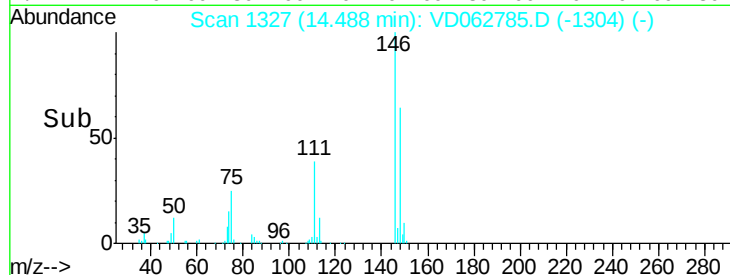
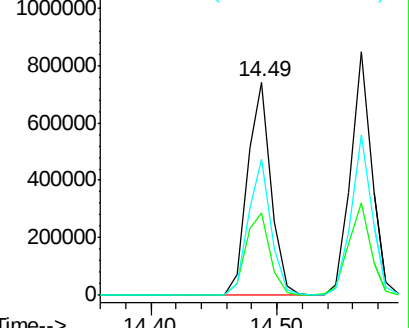
#87
 1,3-Dichlorobenzene
 Concen: 49.582 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 958588
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 63.9 30.8 92.3

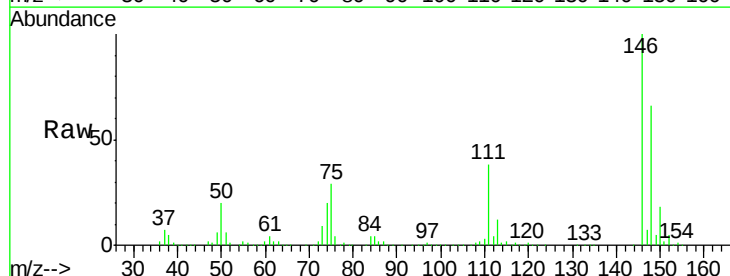


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

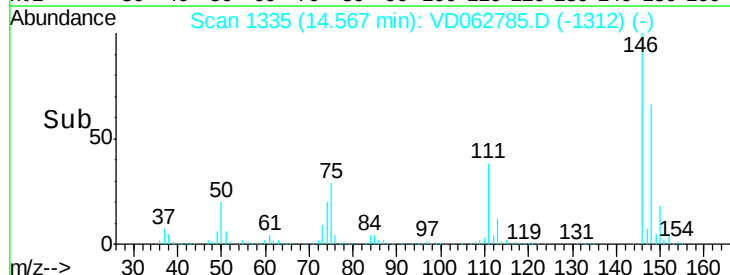
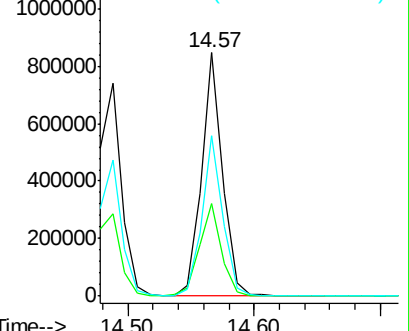


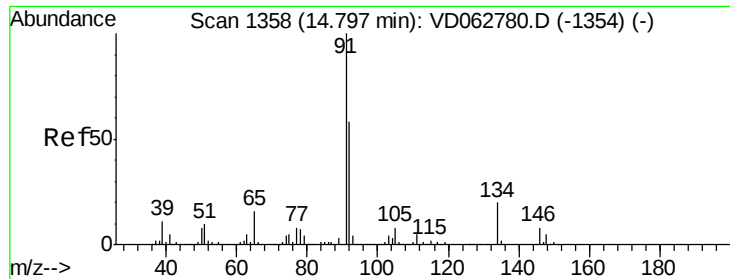
#88
 1,4-Dichlorobenzene
 Concen: 50.544 ug/l
 RT: 14.57 min Scan# 1335
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion:146 Resp: 981475
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.1
 148 65.9 32.8 98.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

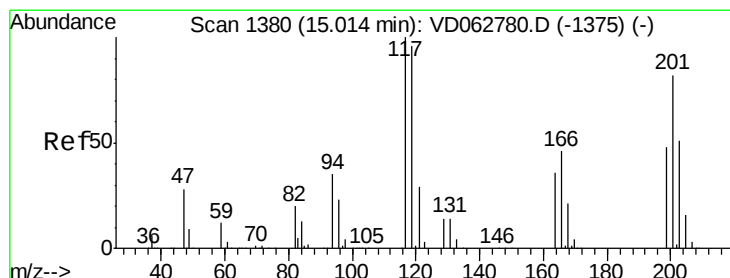
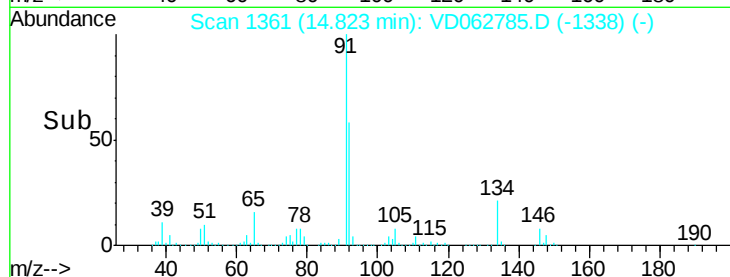
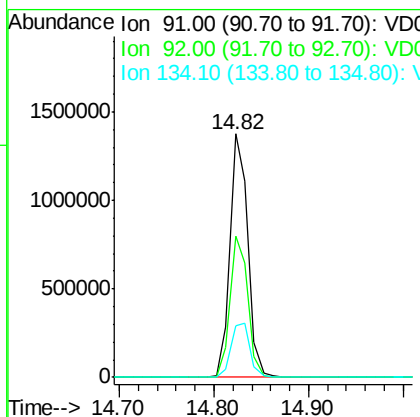
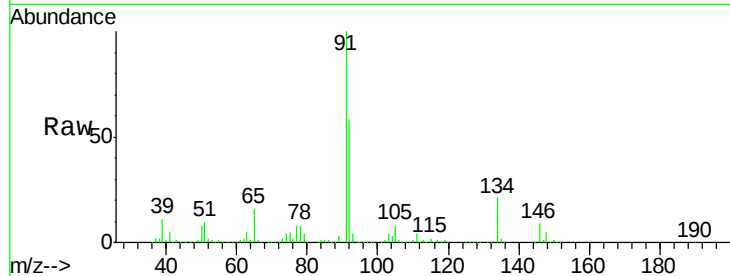




#89
n-Butylbenzene
Concen: 50.911 ug/l
RT: 14.82 min Scan# 1361
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

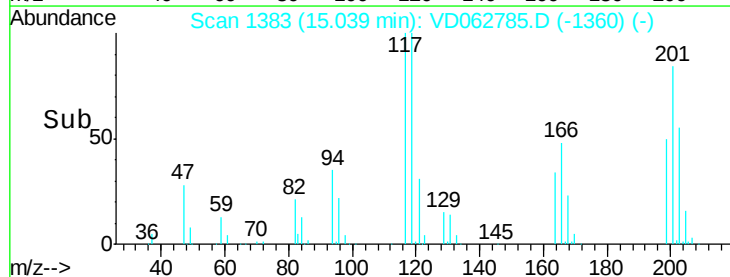
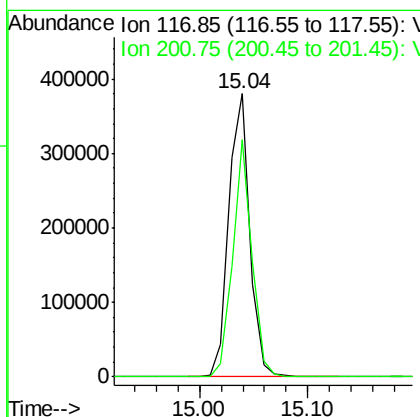
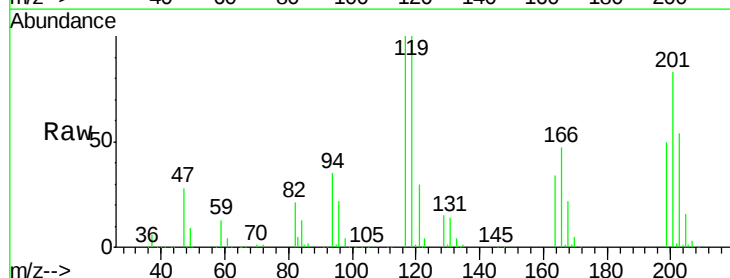
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

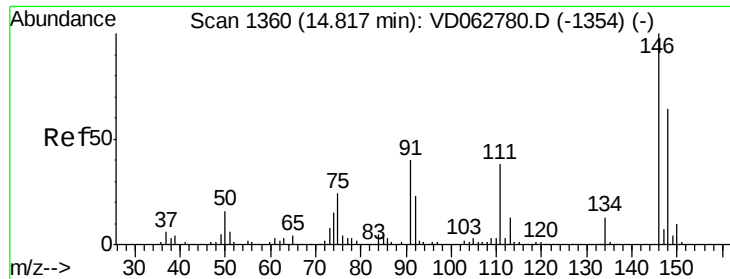
Tot Ion: 91 Resp: 1778744
Ion Ratio Lower Upper
91 100
92 58.2 28.9 86.7
134 21.1 10.1 30.3



#90
Hexachloroethane
Concen: 51.141 ug/l
RT: 15.04 min Scan# 1383
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion: 117 Resp: 513279
Ion Ratio Lower Upper
117 100
201 83.9 40.8 122.2

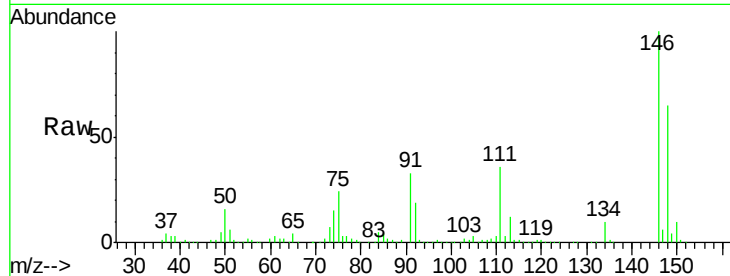




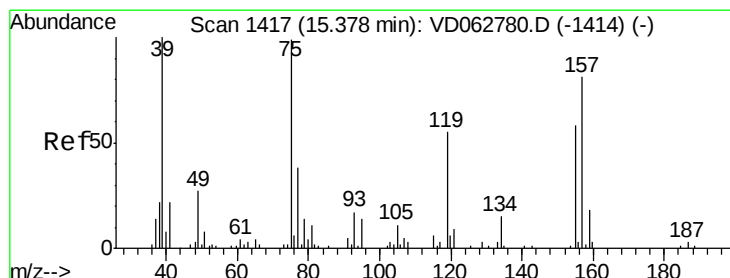
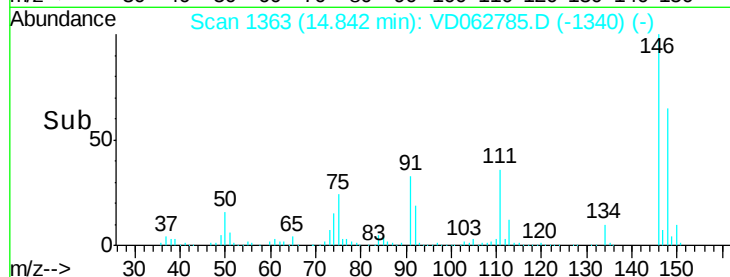
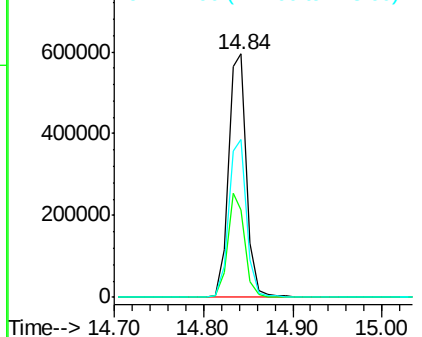
#91
 1,2-Dichlorobenzene
 Concen: 51.507 ug/l
 RT: 14.84 min Scan# 1363
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 851982
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.1 57.1
 148 64.8 32.3 96.8

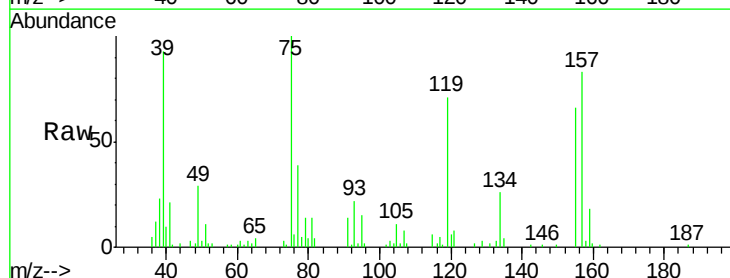


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

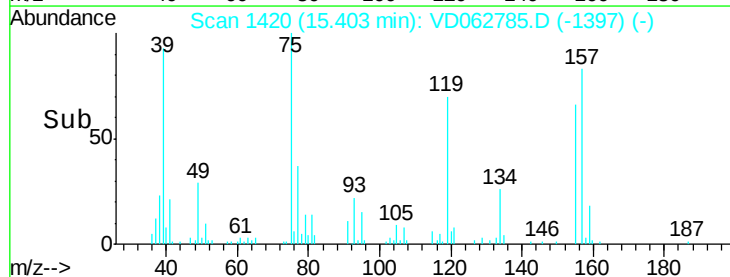
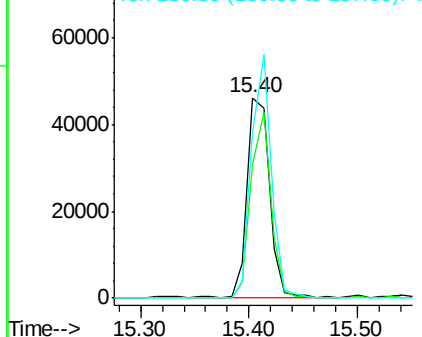


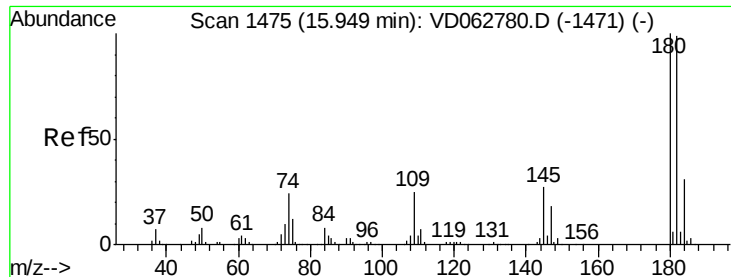
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.671 ug/l
 RT: 15.40 min Scan# 1420
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion: 75 Resp: 67165
 Ion Ratio Lower Upper
 75 100
 155 66.3 29.3 87.8
 157 82.6 41.3 123.7



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

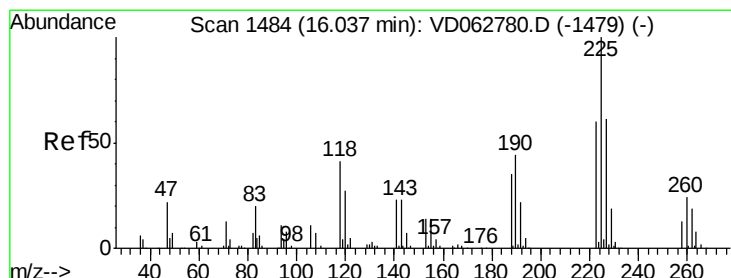
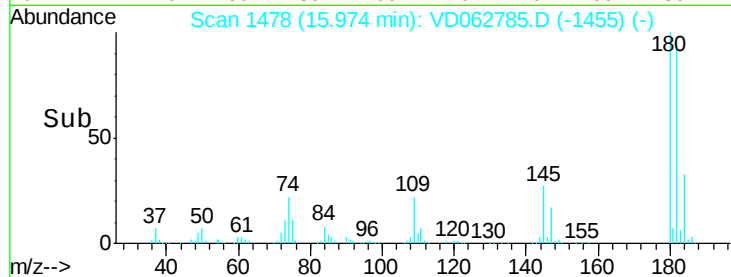
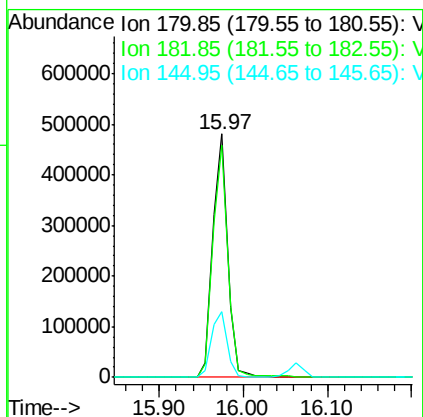
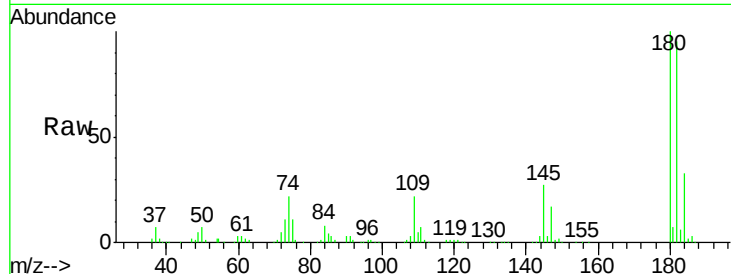




#93
 1,2,4-Trichlorobenzene
 Concen: 46.201 ug/l
 RT: 15.97 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

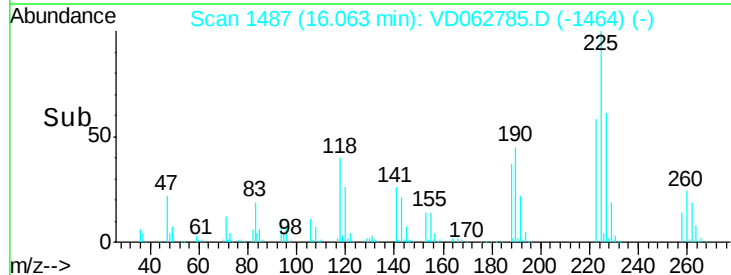
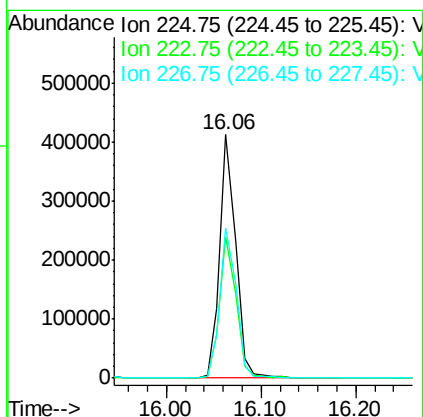
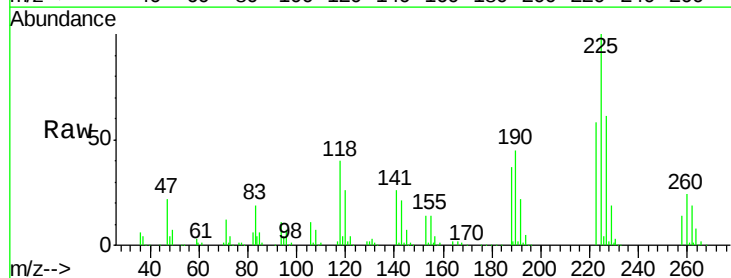
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

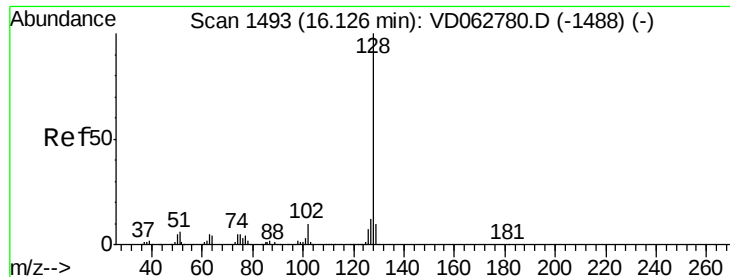
Tot Ion:180 Resp: 596981
 Ion Ratio Lower Upper
 180 100
 182 95.2 49.5 148.5
 145 26.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 49.235 ug/l
 RT: 16.06 min Scan# 1487
 Delta R.T. 0.03 min
 Lab File: VD062785.D
 Acq: 20 Jun 2019 10:59

Tgt Ion:225 Resp: 486014
 Ion Ratio Lower Upper
 225 100
 223 57.8 29.8 89.5
 227 61.4 30.6 91.6

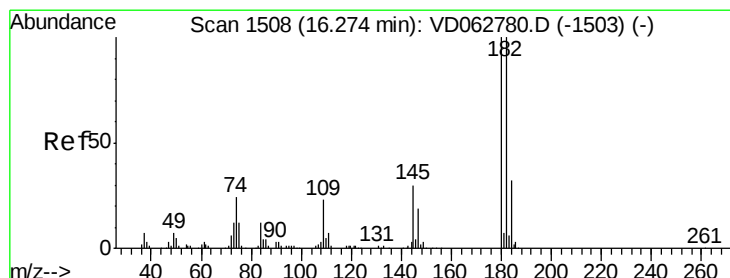
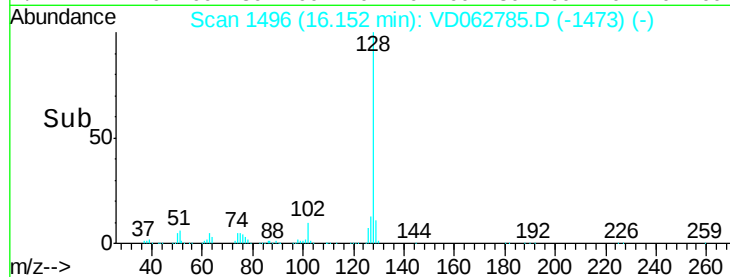
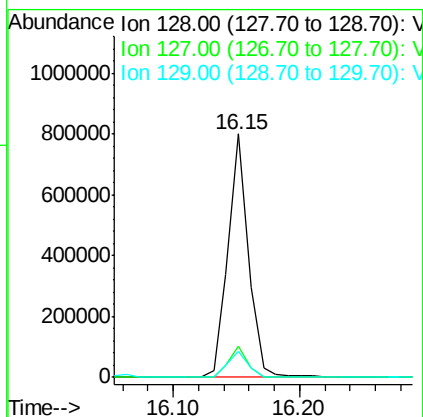
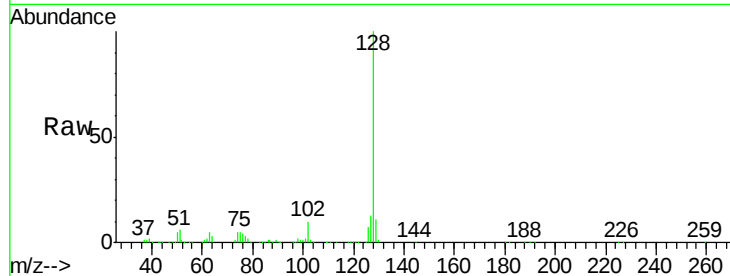




#95
Naphthalene
Concen: 49.447 ug/l
RT: 16.15 min Scan# 1496
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 895509
Ion Ratio Lower Upper
128 100
127 12.6 9.7 14.5
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 51.933 ug/l
RT: 16.30 min Scan# 1511
Delta R.T. 0.03 min
Lab File: VD062785.D
Acq: 20 Jun 2019 10:59

Tgt Ion:180 Resp: 515588
Ion Ratio Lower Upper
180 100
182 95.6 49.9 149.6
145 28.6 15.2 45.5

